

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102524\
 Data File : VW030779.D
 Acq On : 25 Oct 2024 20:05
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 23:25:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 23:19:25 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119542	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101272	25.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.680%	
7) Chloroethane-d5	2.899	69	88488	29.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.520%	
11) 1,1-Dichloroethene-d2	4.015	65	42581	25.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.800%	
21) 2-Butanone-d5	7.081	46	37122	52.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.580%	
24) Chloroform-d	7.648	84	202072	28.154	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 112.600%	
26) 1,2-Dichloroethane-d4	8.301	65	105499	28.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 113.080%	
32) Benzene-d6	8.270	84	387916	28.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 114.400%	
36) 1,2-Dichloropropane-d6	9.270	67	112355	28.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 112.880%	
41) Toluene-d8	10.319	98	356404	28.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.120%	
43) trans-1,3-Dichloroprop...	10.575	79	44796	26.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.480%	
47) 2-Hexanone-d5	10.922	63	31589	61.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.200%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84712	28.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.880%	
66) 1,2-Dichlorobenzene-d4	13.849	152	109129	26.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	61612	19.215	ug/L	96
3) Chloromethane	2.223	50	83405	22.380	ug/L	99
5) Vinyl chloride	2.375	62	106952	23.336	ug/L	95
6) Bromomethane	2.790	94	79330	26.298	ug/L	98
8) Chloroethane	2.936	64	72751	25.967	ug/L	99
9) Trichlorofluoromethane	3.271	101	96822	23.610	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	36910	10.004	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	79353	23.567	ug/L	94
13) Acetone	4.137	43	35284	33.948	ug/L	96
14) Carbon disulfide	4.393	76	211475	19.233	ug/L	100
15) Methyl Acetate	4.673	43	35115	27.350	ug/L	98
16) Methylene chloride	4.917	84	93209	24.566	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	89798	24.715	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	144511	28.418	ug/L	99
19) 1,1-Dichloroethane	6.216	63	185953	27.537	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	103964	26.826	ug/L	98
22) 2-Butanone	7.173	43	46322	41.346	ug/L	96
23) Bromochloromethane	7.514	128	45186	26.652	ug/L	89
25) Chloroform	7.679	83	204096	28.282	ug/L	100

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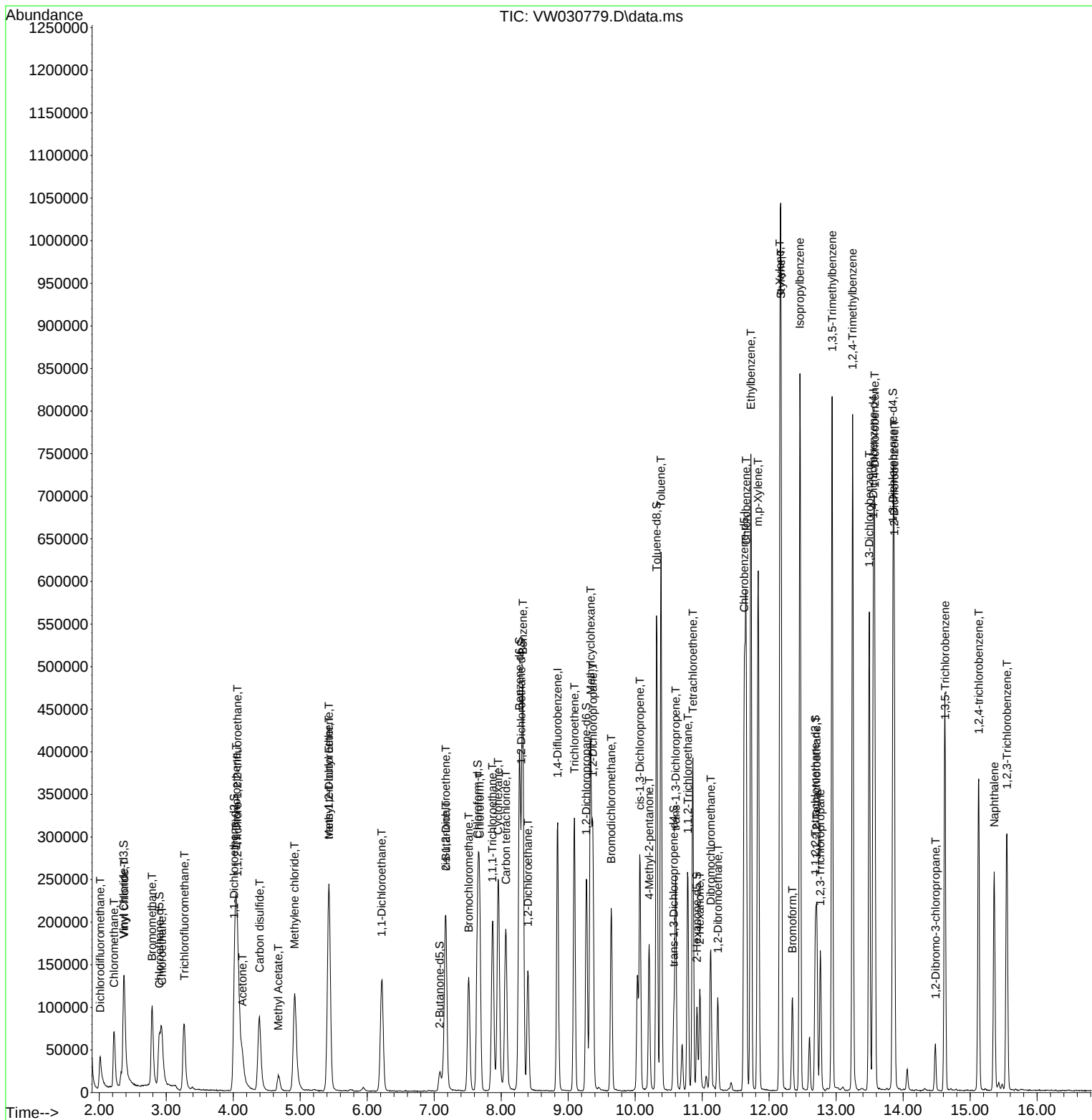
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 ClientSampleId :

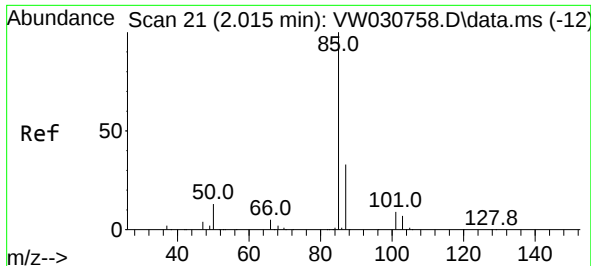
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	128343	26.958	ug/L	100
29) Cyclohexane	7.953	56	135806	23.872	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	159785	25.755	ug/L	99
31) Carbon tetrachloride	8.069	117	140975	25.442	ug/L	97
33) Benzene	8.325	78	407098	26.768	ug/L	100
34) Trichloroethene	9.093	95	108144	25.559	ug/L	98
35) Methylcyclohexane	9.337	83	157028	23.582	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106878	28.137	ug/L	99
38) Bromodichloromethane	9.642	83	142281	28.154	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	155892	27.209	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	108320	59.360	ug/L	99
42) Toluene	10.386	91	442822	27.292	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	131682	27.351	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	77545	28.247	ug/L	96
46) Tetrachloroethene	10.861	164	80088	25.663	ug/L	96
48) 2-Hexanone	10.965	43	71241	47.740	ug/L	98
49) Dibromochloromethane	11.130	129	83511	27.263	ug/L	96
50) 1,2-Dibromoethane	11.233	107	70275	27.434	ug/L	98
51) Chlorobenzene	11.654	112	275876	26.413	ug/L	96
52) Ethylbenzene	11.727	91	504874	27.270	ug/L	98
53) m,p-Xylene	11.837	106	186845	26.938	ug/L	91
54) o-Xylene	12.160	106	179249	27.953	ug/L	95
55) Styrene	12.178	104	313777	28.623	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	89753	28.992	ug/L	93
59) Bromoform	12.349	173	45192	26.907	ug/L	99
60) Isopropylbenzene	12.459	105	512871	27.704	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63047	27.103	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	396342	27.137	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	391804	27.399	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	206595	25.638	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	214541	25.785	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	190234	26.828	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	13640	26.298	ug/L	93
69) 1,3,5-Trichlorobenzene	14.629	180	123722	23.283	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	105831	24.740	ug/L	95
71) Naphthalene	15.360	128	205576	27.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95883	25.855	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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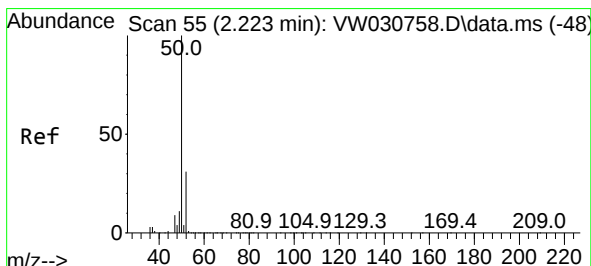
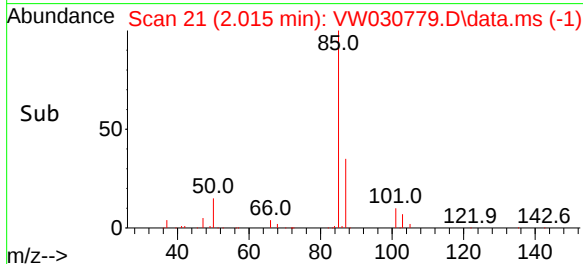
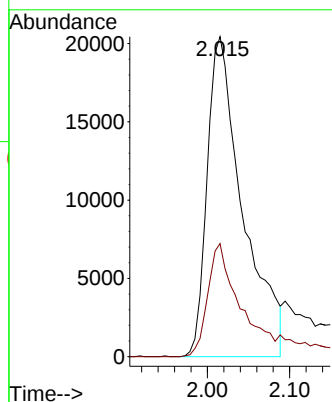
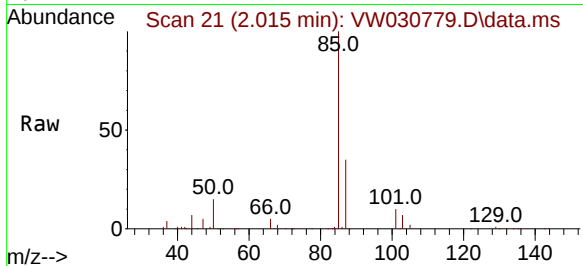




#2
 Dichlorodifluoromethane
 Concen: 19.215 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

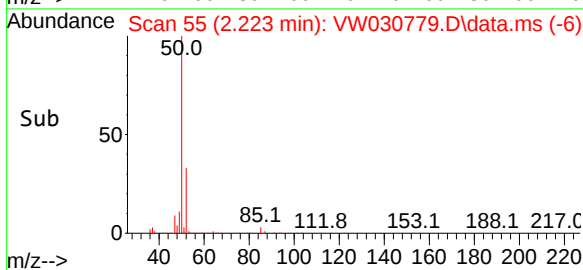
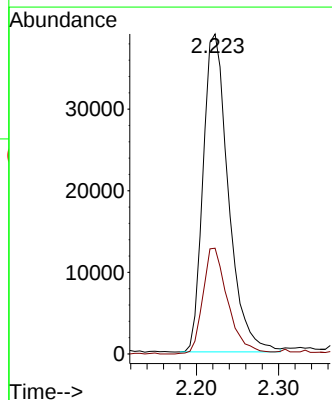
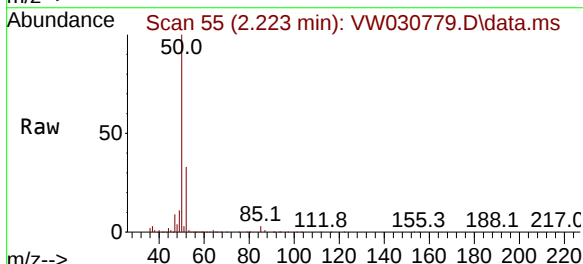
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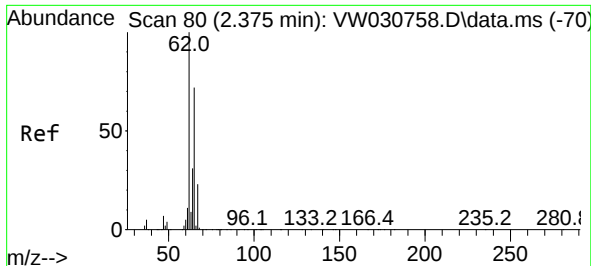
Tgt Ion: 85 Resp: 61612
 Ion Ratio Lower Upper
 85 100
 87 31.9 23.8 35.6



#3
 Chloromethane
 Concen: 22.380 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

Tgt Ion: 50 Resp: 83405
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9

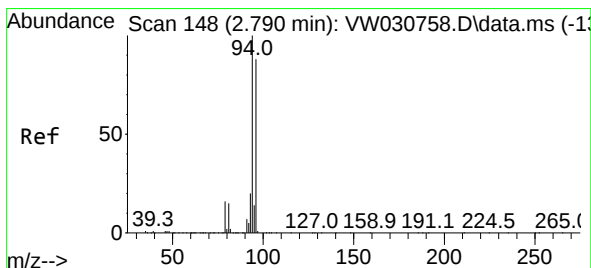
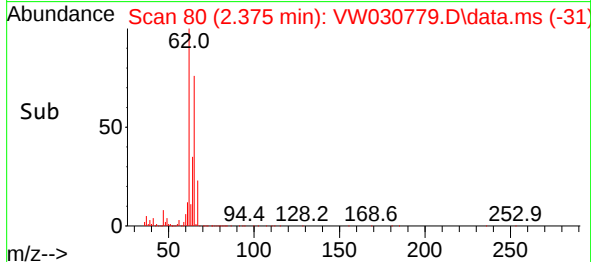
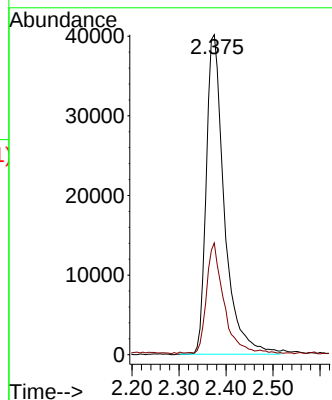
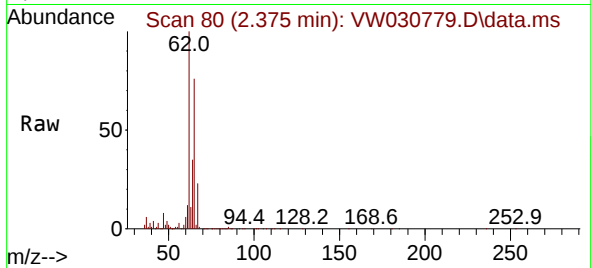




#5
 Vinyl chloride
 Concen: 23.336 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

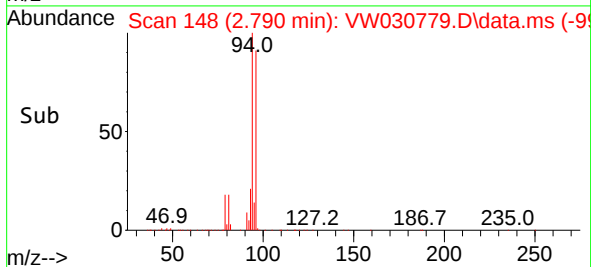
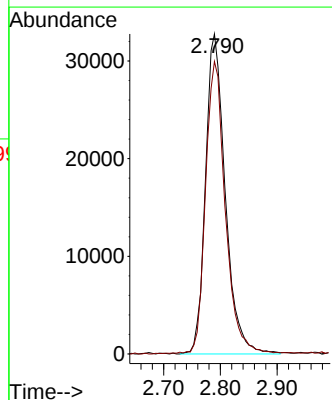
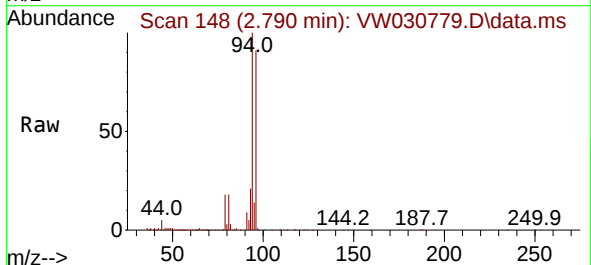
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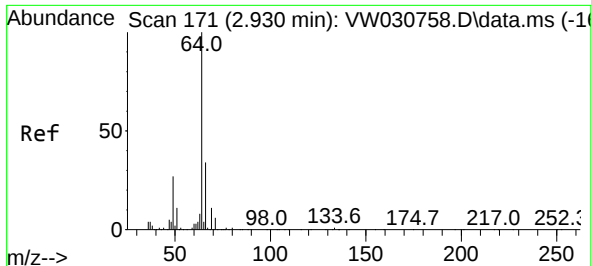
Tgt Ion: 62 Resp: 106952
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.6 42.0



#6
 Bromomethane
 Concen: 26.298 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

Tgt Ion: 94 Resp: 79330
 Ion Ratio Lower Upper
 94 100
 96 91.4 62.6 116.2

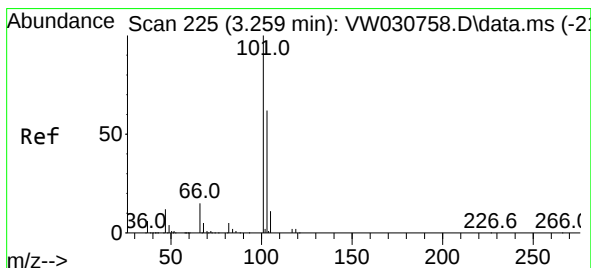
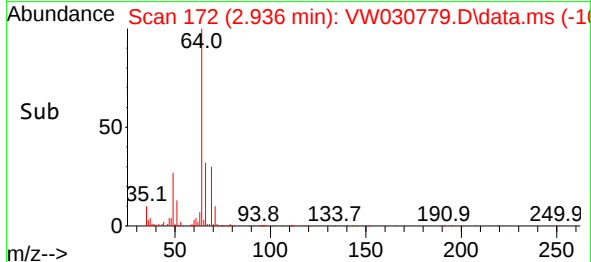
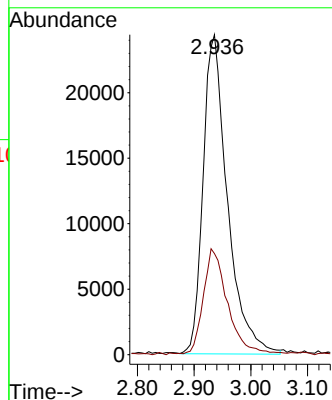
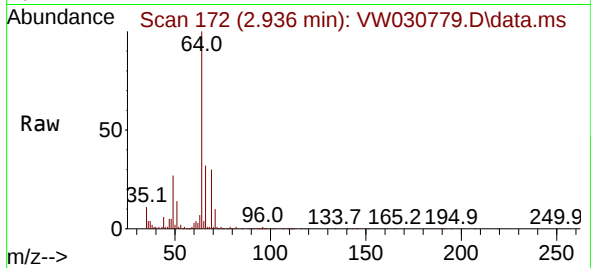




#8
Chloroethane
Concen: 25.967 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

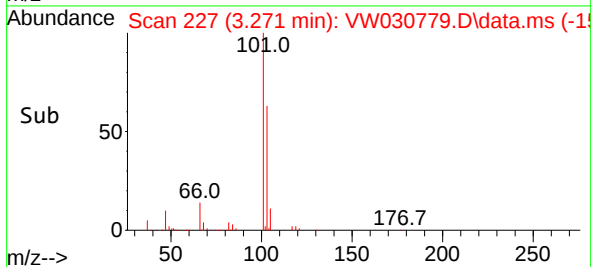
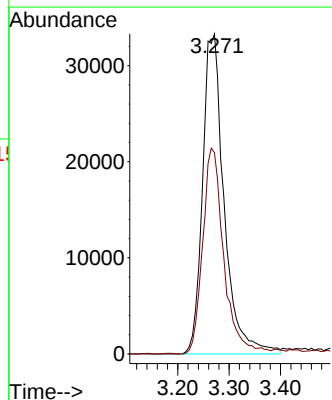
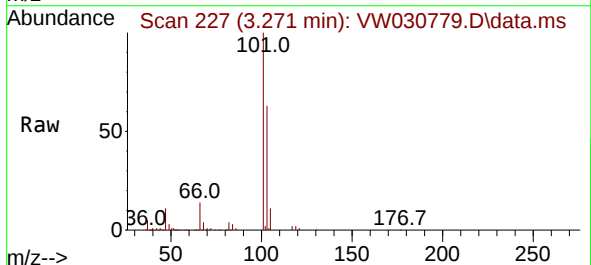
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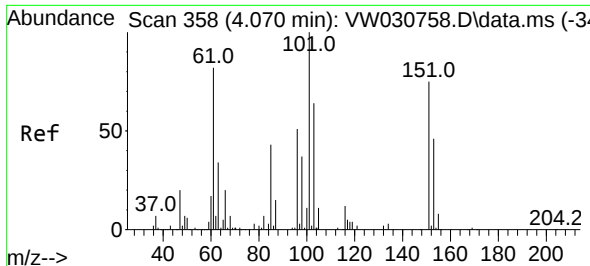
Tgt Ion: 64 Resp: 72751
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.610 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 101 Resp: 96822
Ion Ratio Lower Upper
101 100
103 62.0 51.1 76.7

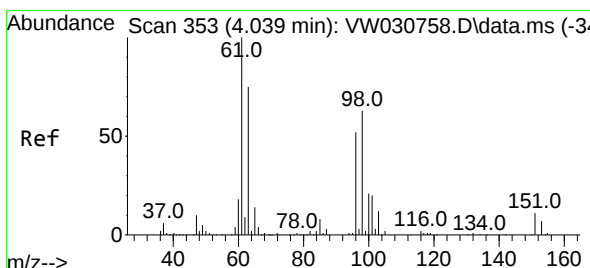
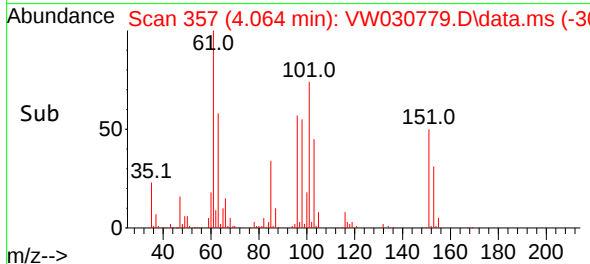
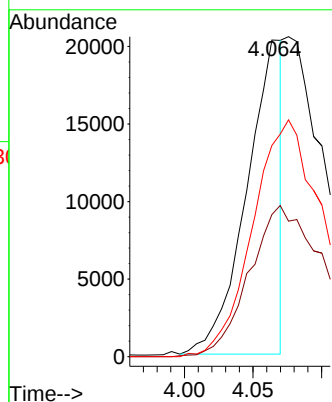
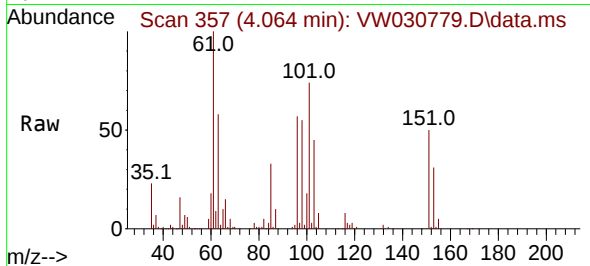




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.004 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

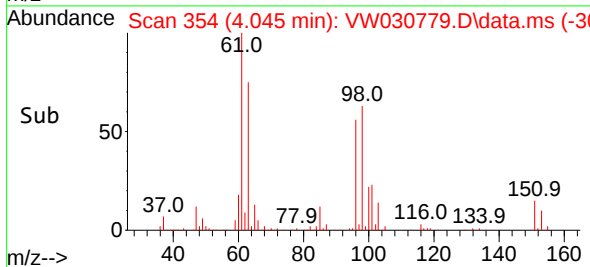
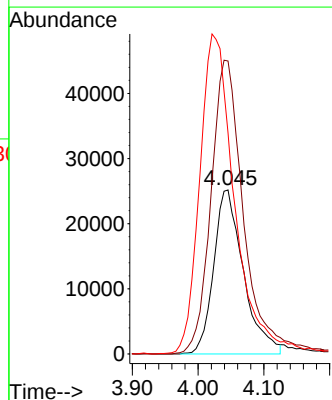
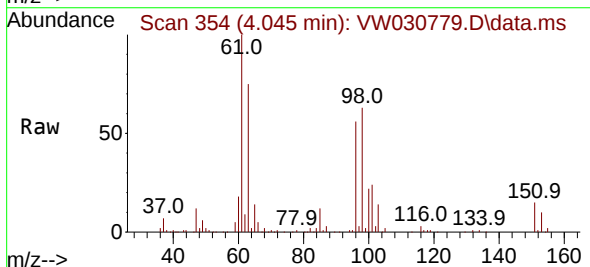
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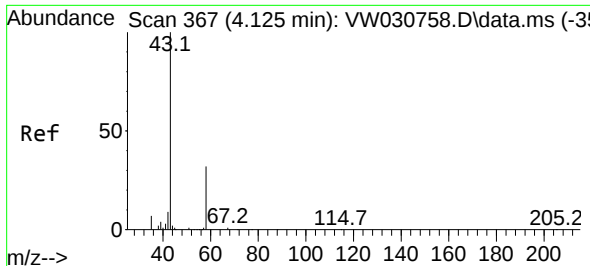
Tgt Ion:101 Resp: 36910
 Ion Ratio Lower Upper
 101 100
 85 111.8 35.7 53.5#
 151 171.5 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 23.567 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

Tgt Ion: 96 Resp: 79353
 Ion Ratio Lower Upper
 96 100
 61 178.6 121.3 225.3
 63 134.7 87.6 162.8

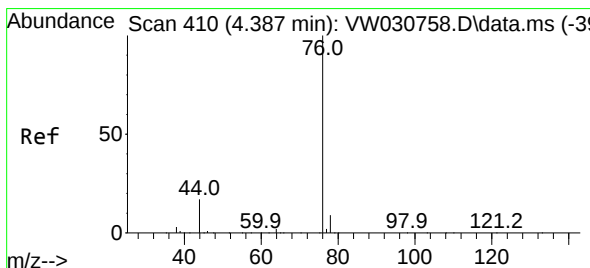
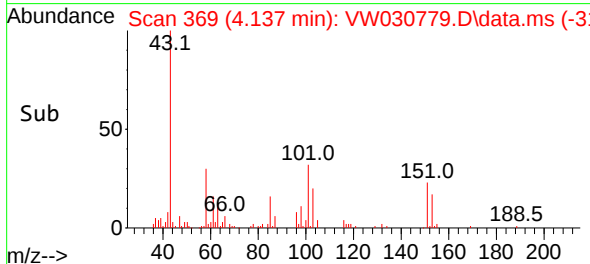
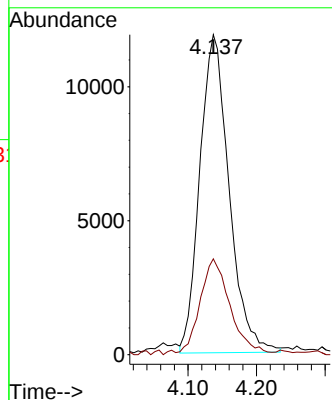
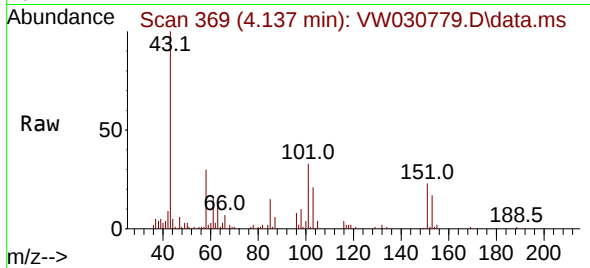




#13
Acetone
Concen: 33.948 ug/L
RT: 4.137 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

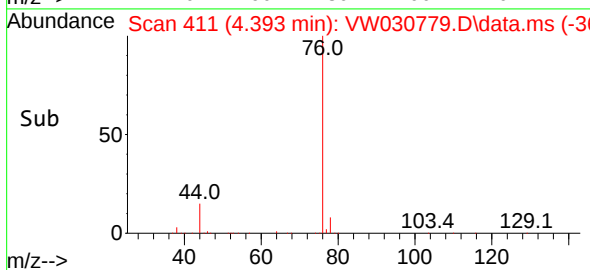
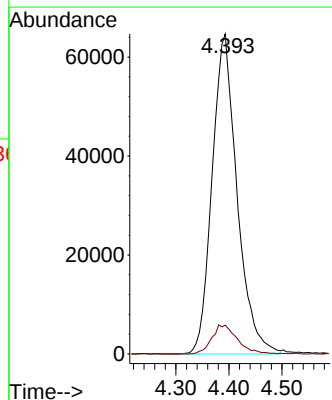
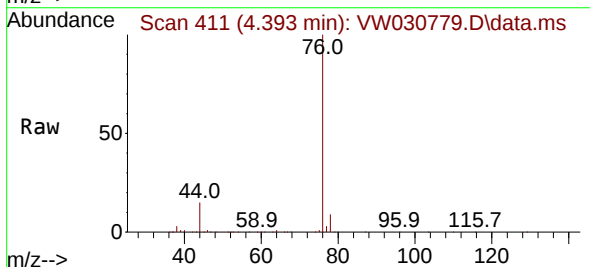
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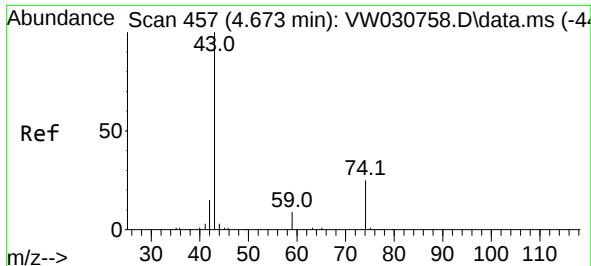
Tgt Ion: 43 Resp: 35284
Ion Ratio Lower Upper
43 100
58 31.0 0.0 57.6



#14
Carbon disulfide
Concen: 19.233 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 76 Resp: 211475
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

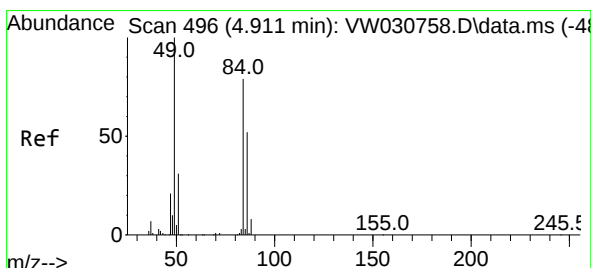
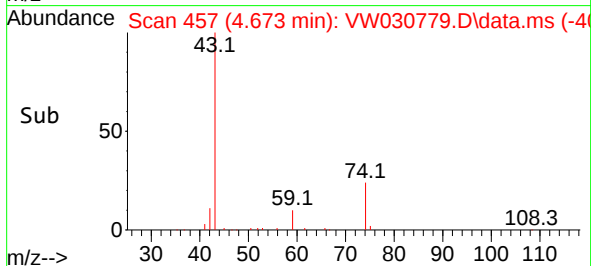
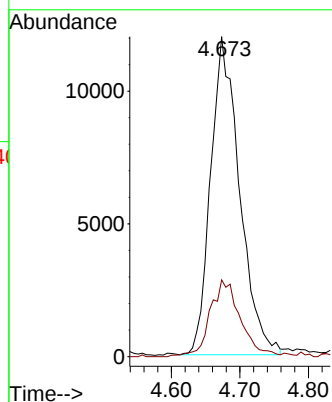
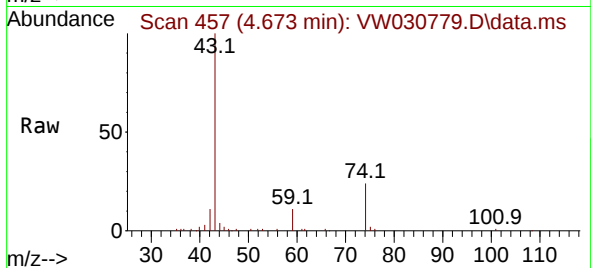




#15
Methyl Acetate
Concen: 27.350 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

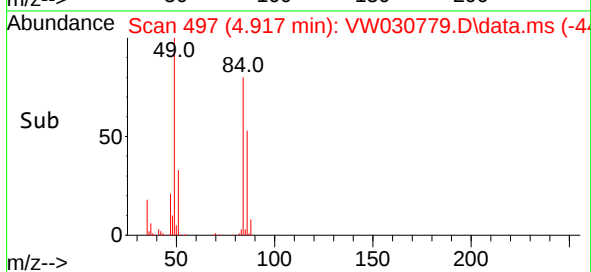
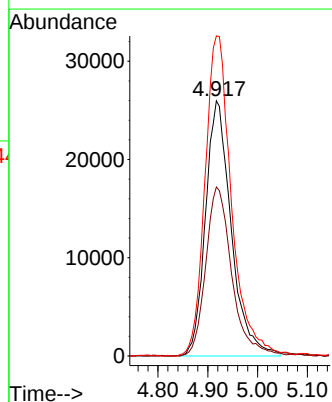
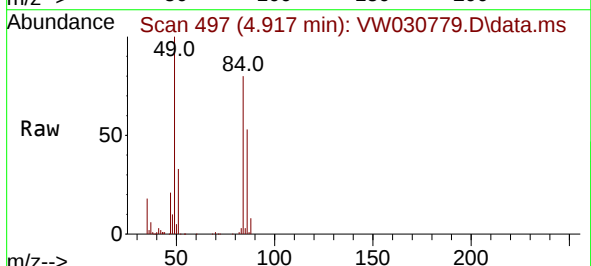
Instrument :
MSVOA_W
ClientSampleId :

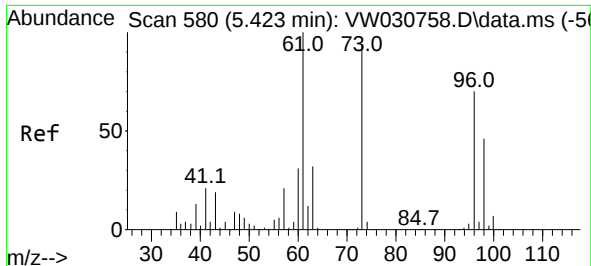
Tgt Ion: 43 Resp: 35115
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9



#16
Methylene chloride
Concen: 24.566 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 84 Resp: 93209
Ion Ratio Lower Upper
84 100
86 66.2 43.8 81.3
49 125.4 88.3 164.1

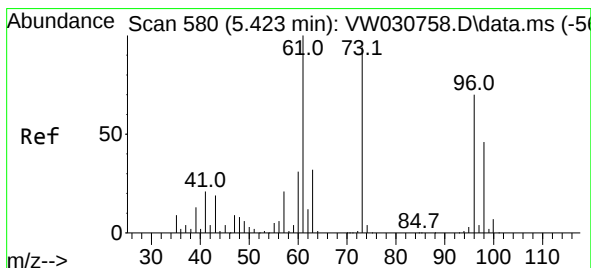
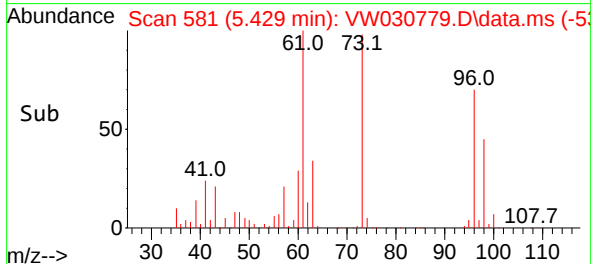
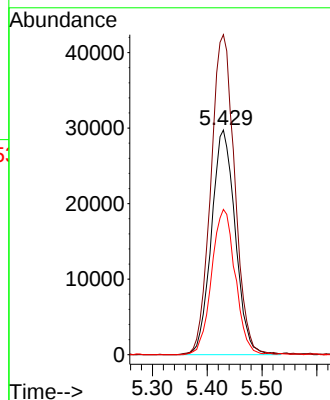
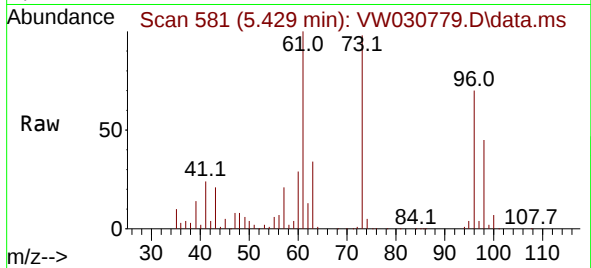




#17
trans-1,2-Dichloroethene
Concen: 24.715 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

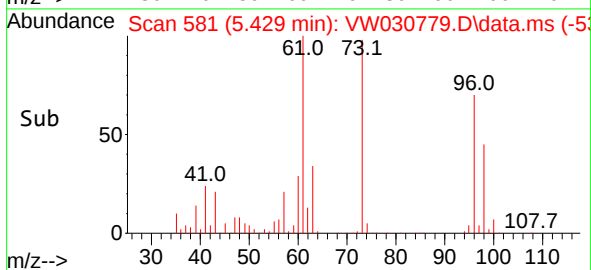
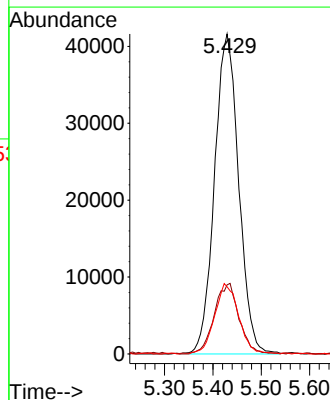
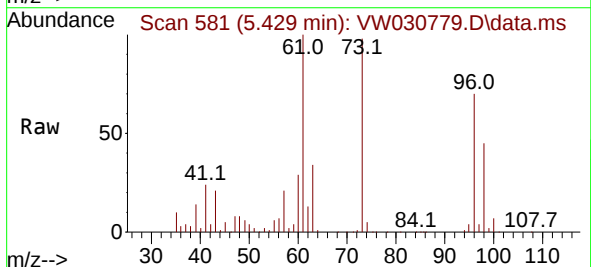
Instrument :
MSVOA_W
ClientSampleId :

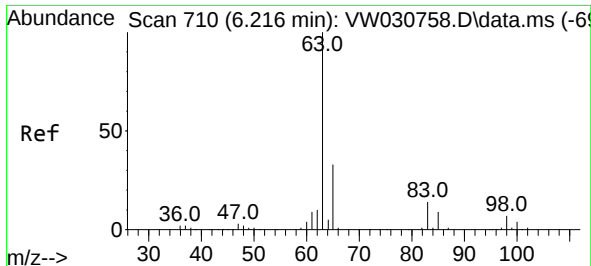
Tgt Ion: 96 Resp: 89798
Ion Ratio Lower Upper
96 100
61 142.5 96.9 179.9
98 64.7 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 28.418 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 73 Resp: 144511
Ion Ratio Lower Upper
73 100
43 21.9 18.1 27.1
57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 27.537 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

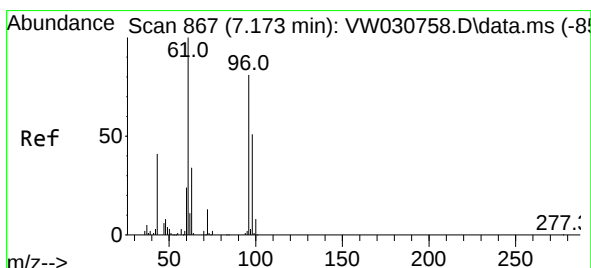
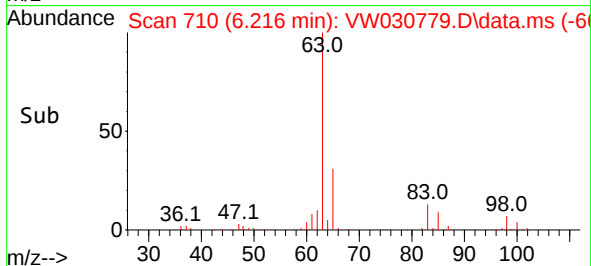
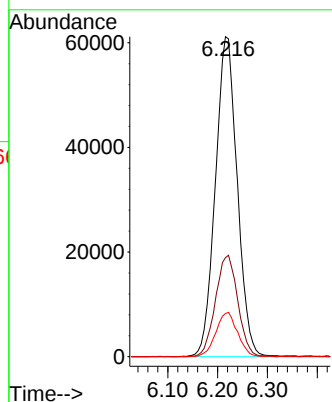
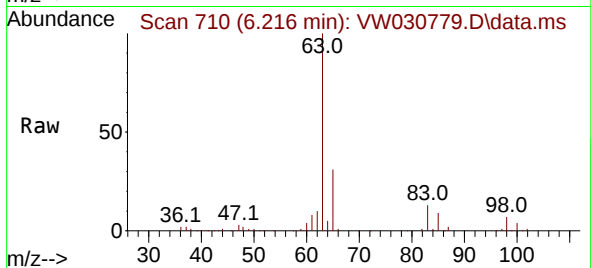
Tgt Ion: 63 Resp: 185953

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.9

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 26.826 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

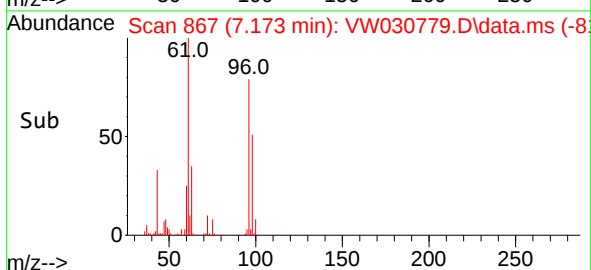
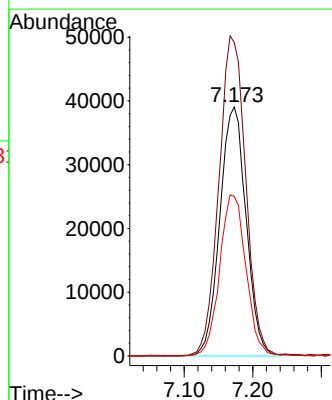
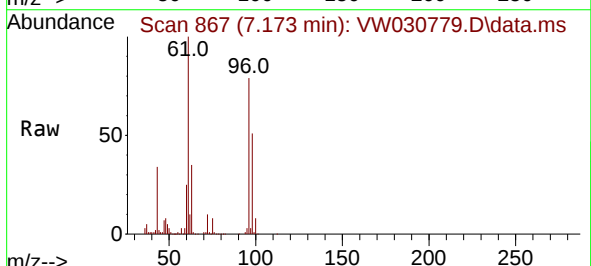
Tgt Ion: 96 Resp: 103964

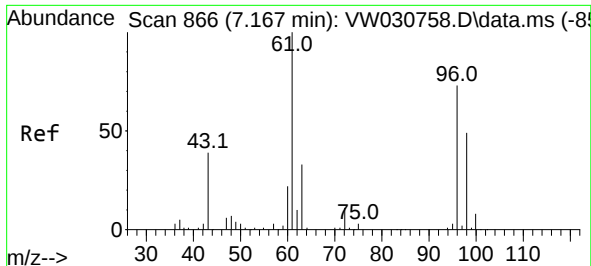
Ion Ratio Lower Upper

96 100

61 125.9 88.3 163.9

98 64.1 41.3 76.7

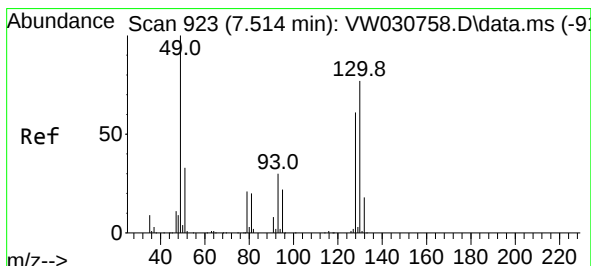
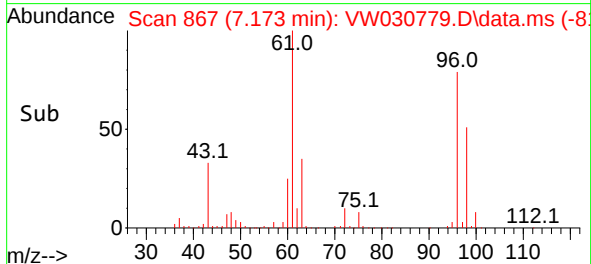
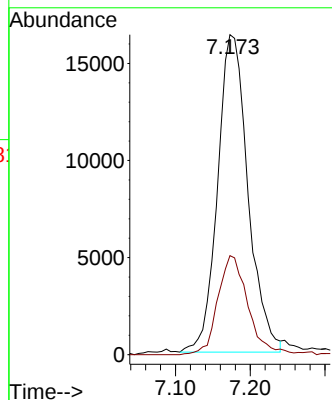
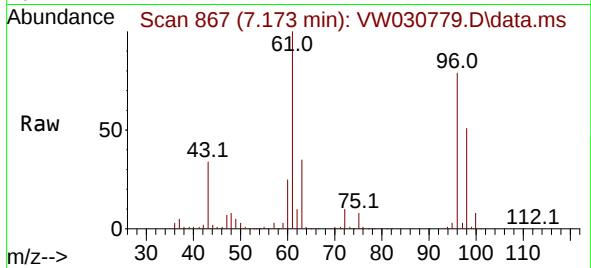




#22
2-Butanone
Concen: 41.346 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

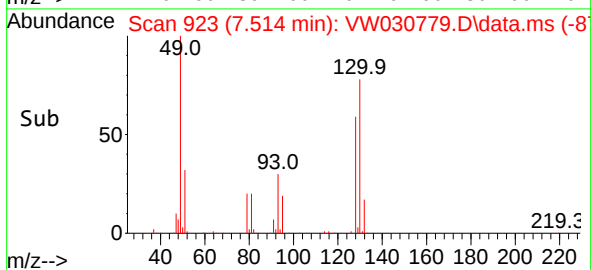
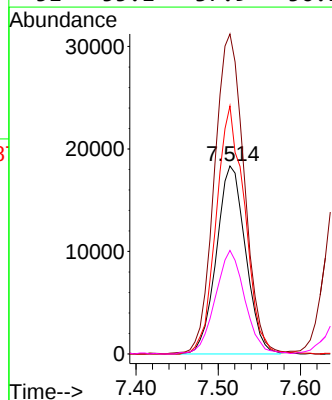
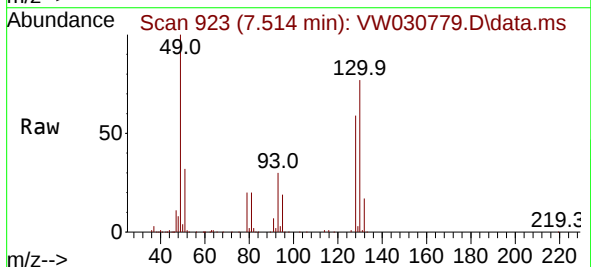
Instrument :
MSVOA_W
ClientSampleId :

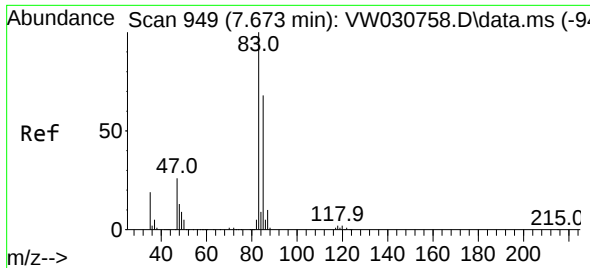
Tgt Ion: 43 Resp: 46322
Ion Ratio Lower Upper
43 100
72 30.7 14.4 43.0



#23
Bromochloromethane
Concen: 26.652 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion:128 Resp: 45186
Ion Ratio Lower Upper
128 100
49 170.2 110.1 204.5
130 131.9 82.9 153.9
51 55.1 37.9 56.9

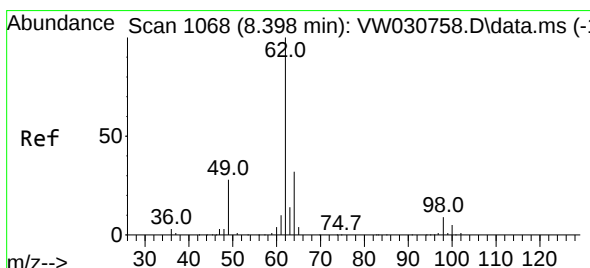
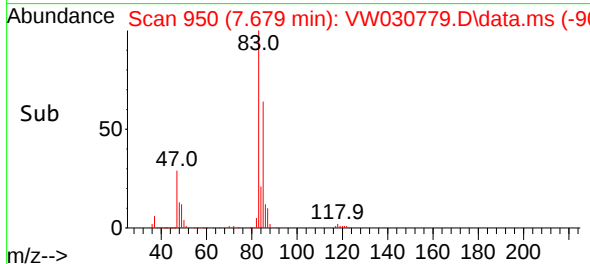
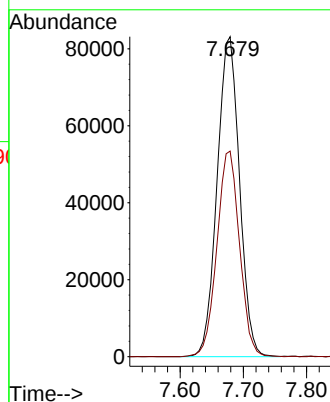
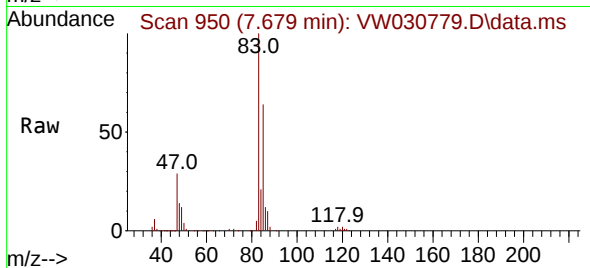




#25
Chloroform
Concen: 28.282 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

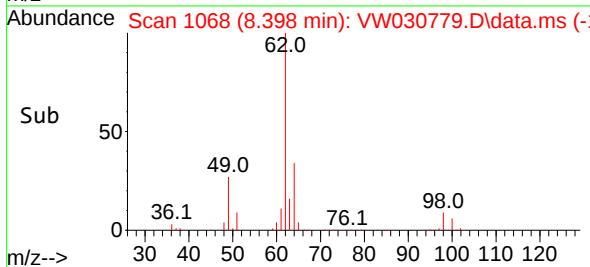
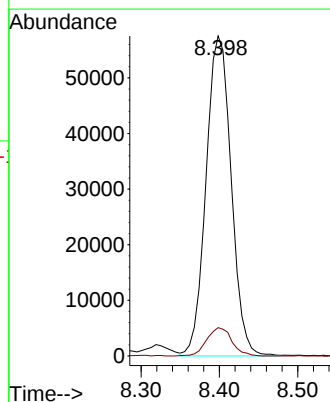
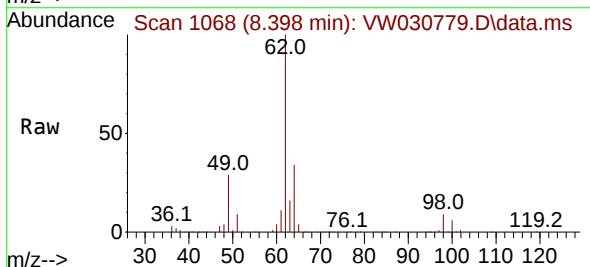
Instrument :
MSVOA_W
ClientSampleId :

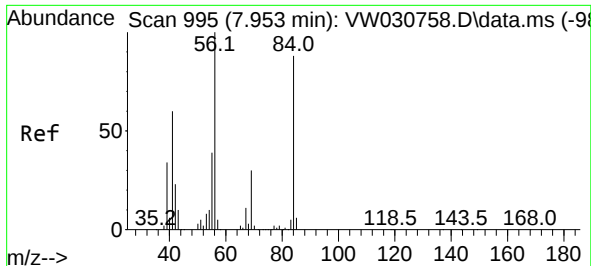
Tgt Ion: 83 Resp: 204096
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.958 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 62 Resp: 128343
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6





#29

Cyclohexane

Concen: 23.872 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

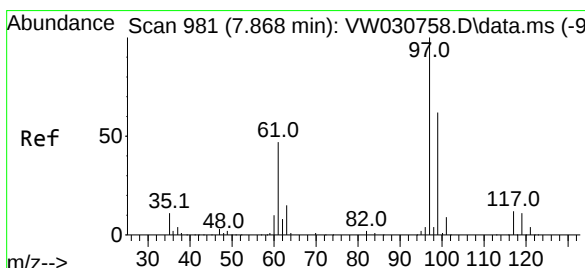
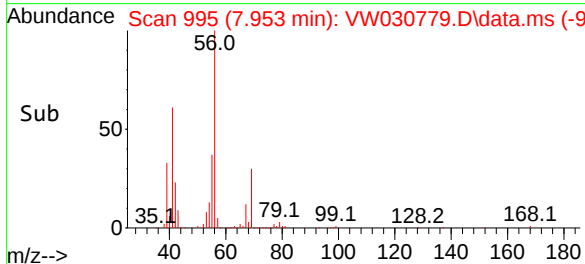
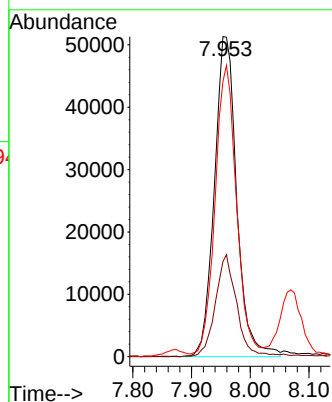
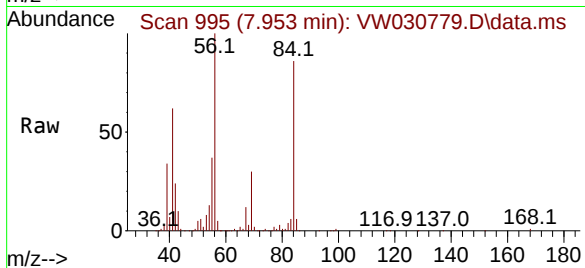
Tgt Ion: 56 Resp: 135806

Ion Ratio Lower Upper

56 100

69 29.1 25.4 38.0

84 87.2 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.755 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

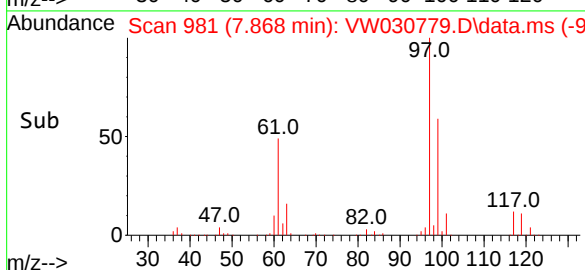
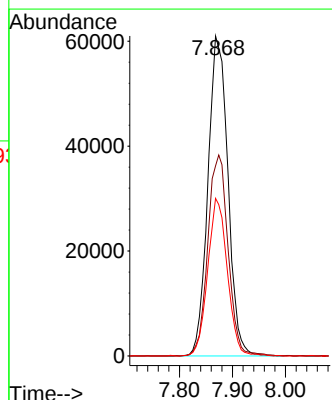
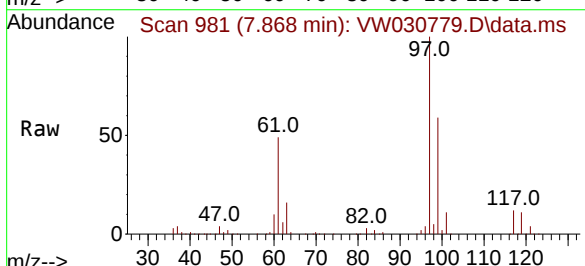
Tgt Ion: 97 Resp: 159785

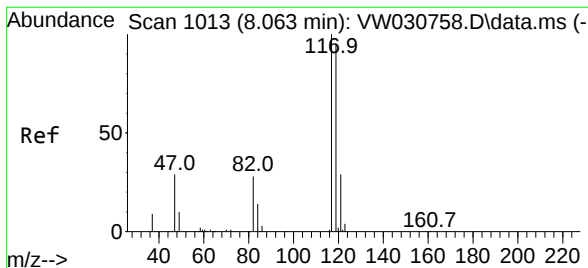
Ion Ratio Lower Upper

97 100

99 63.9 52.3 78.5

61 48.1 38.5 57.7





#31

Carbon tetrachloride

Concen: 25.442 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

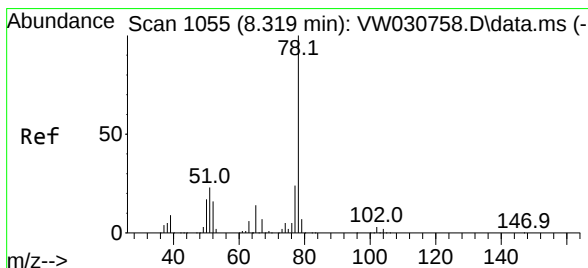
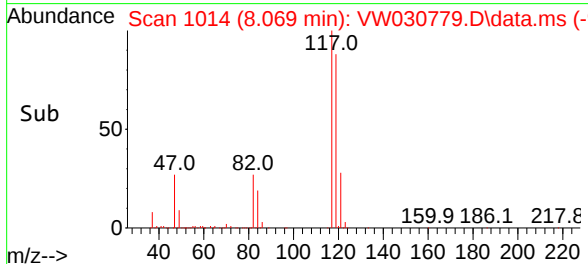
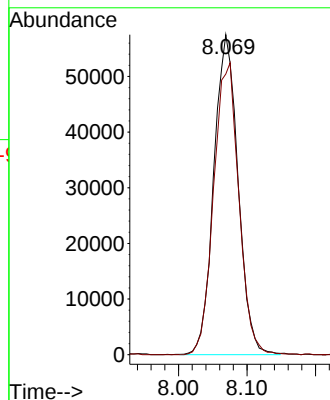
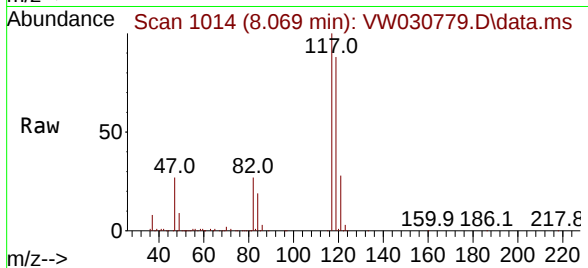
ClientSampleId :

Tgt Ion:117 Resp: 140975

Ion Ratio Lower Upper

117 100

119 94.8 77.8 116.8



#33

Benzene

Concen: 26.768 ug/L

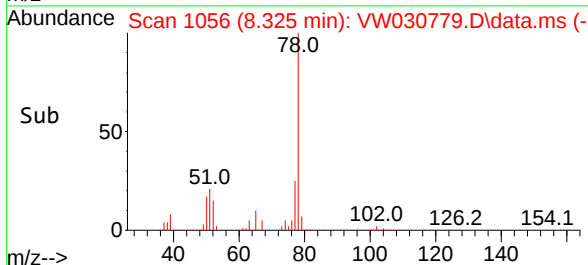
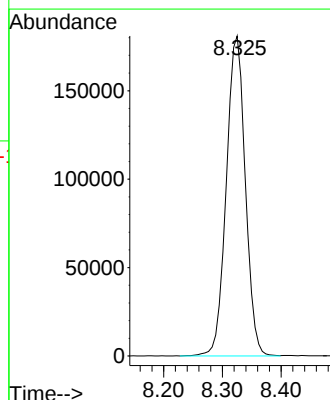
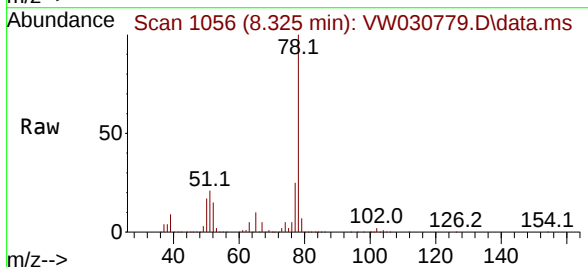
RT: 8.325 min Scan# 1056

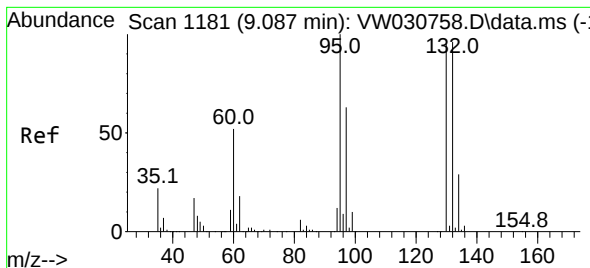
Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Tgt Ion: 78 Resp: 407098





#34

Trichloroethene

Concen: 25.559 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 108144

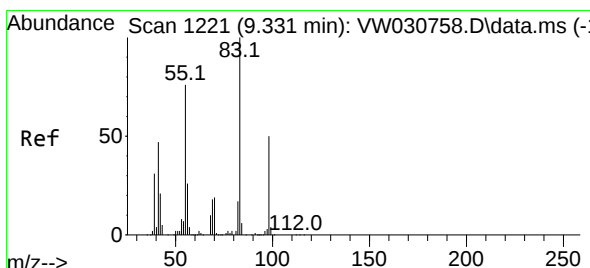
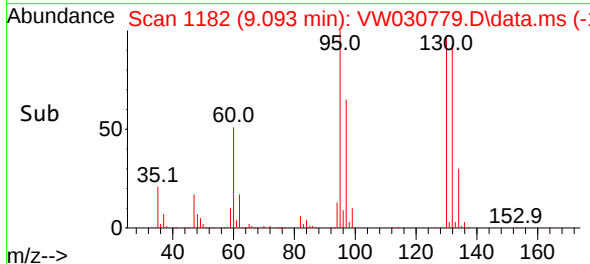
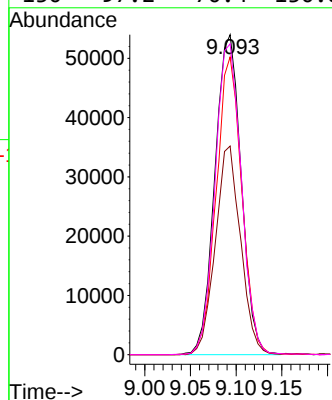
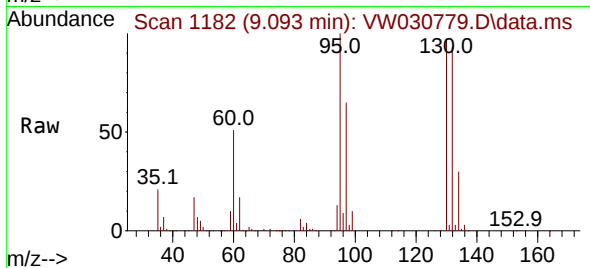
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 93.1 66.4 123.2

130 97.2 70.4 130.8



#35

Methylcyclohexane

Concen: 23.582 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

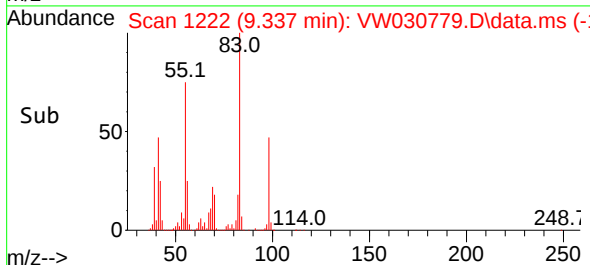
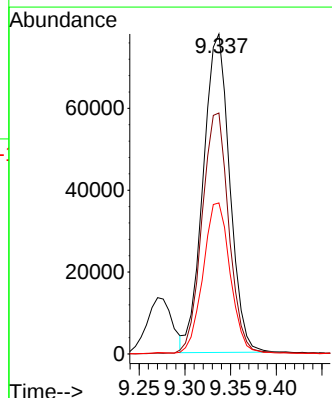
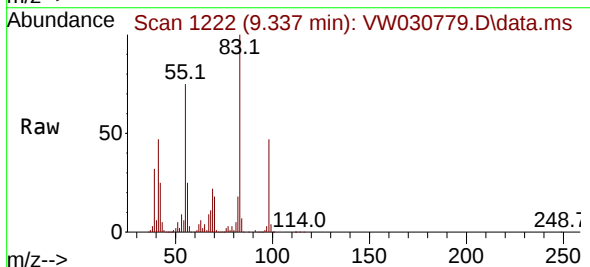
Tgt Ion: 83 Resp: 157028

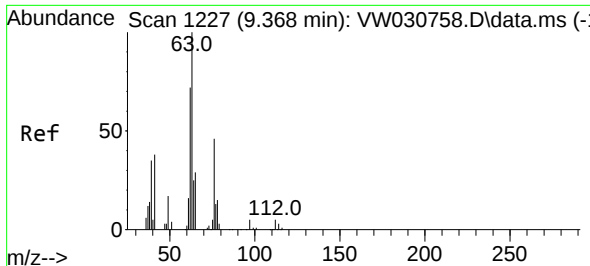
Ion Ratio Lower Upper

83 100

55 76.6 61.8 92.8

98 48.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 28.137 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

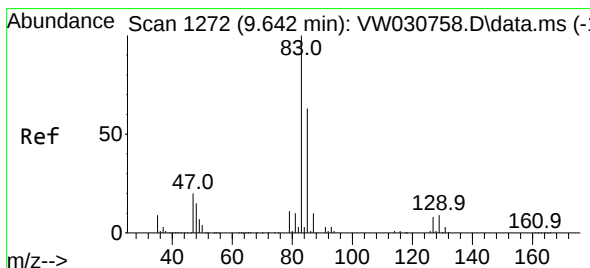
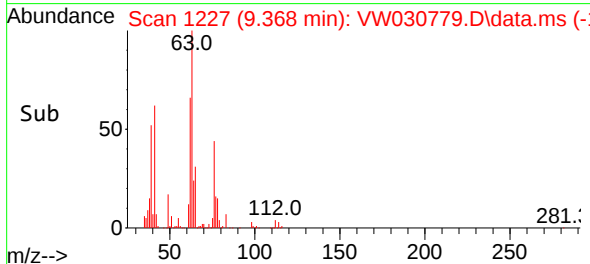
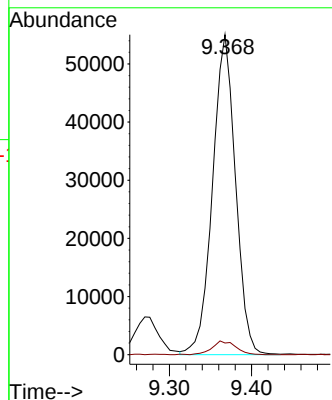
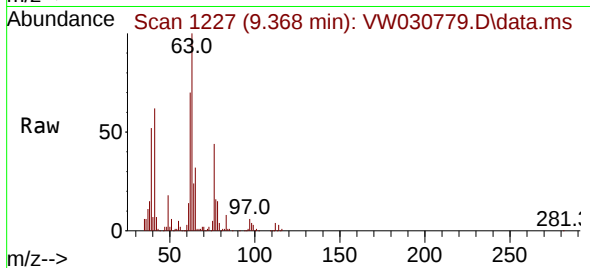
ClientSampleId :

Tgt Ion: 63 Resp: 106878

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 28.154 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

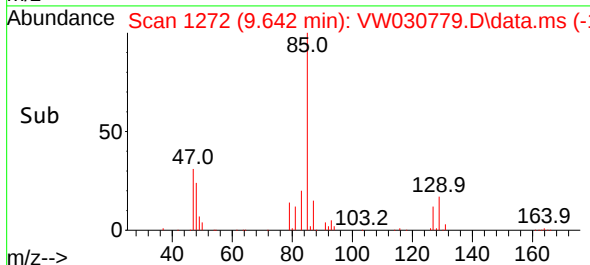
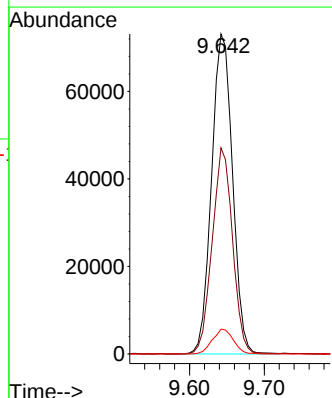
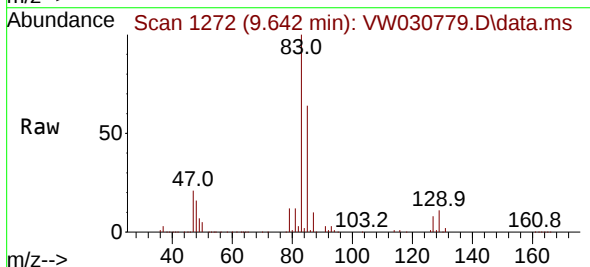
Tgt Ion: 83 Resp: 142281

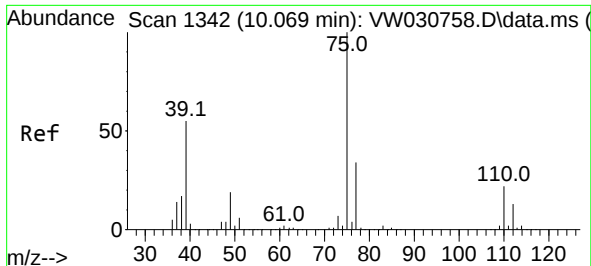
Ion Ratio Lower Upper

83 100

85 64.4 44.2 82.0

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 27.209 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

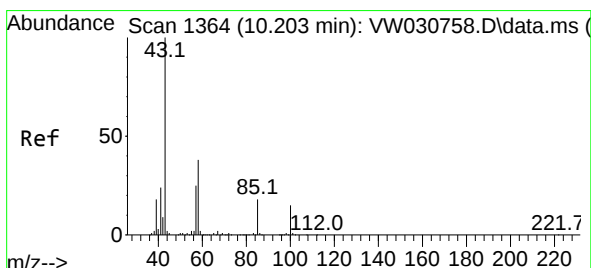
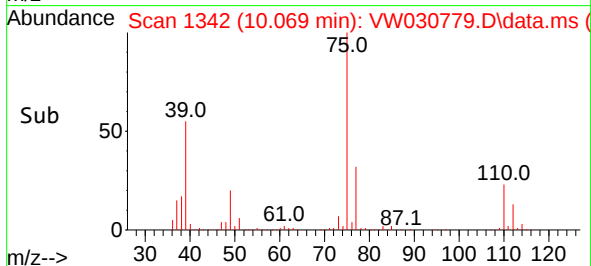
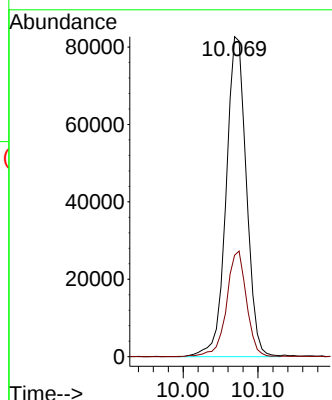
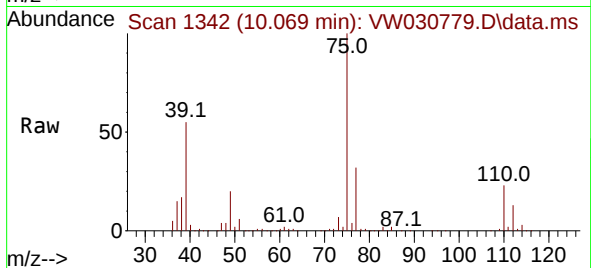
ClientSampleId :

Tgt Ion: 75 Resp: 155892

Ion Ratio Lower Upper

75 100

77 31.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 59.360 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

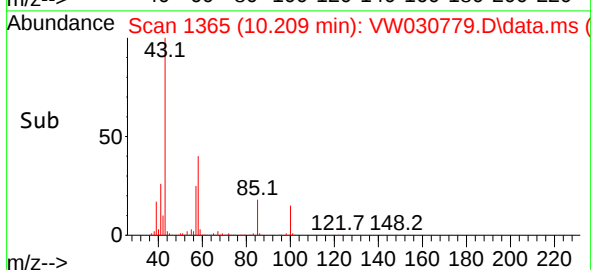
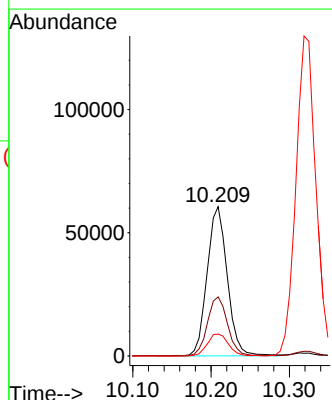
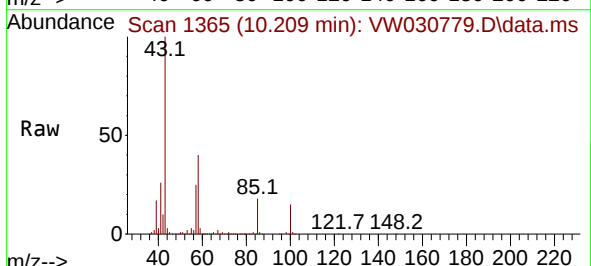
Tgt Ion: 43 Resp: 108320

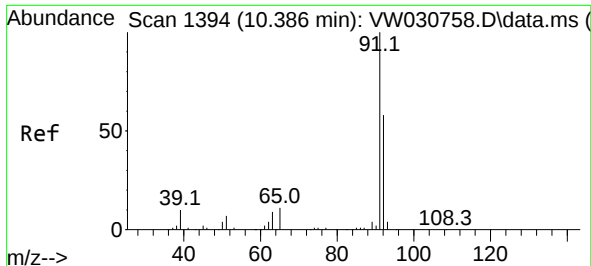
Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2

100 15.4 13.1 19.7

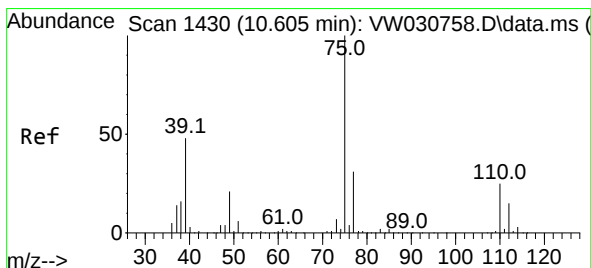
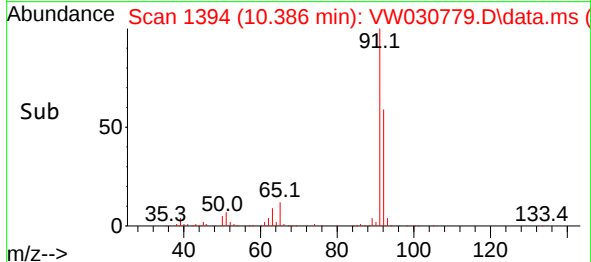
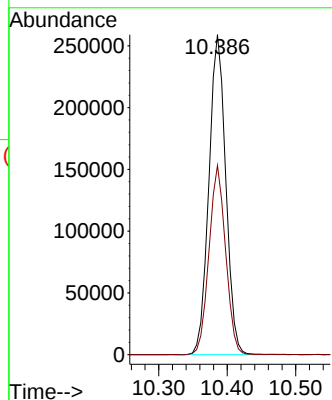
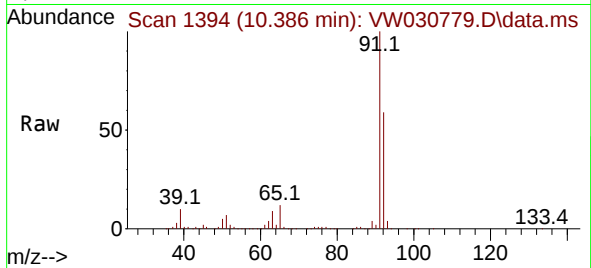




#42
Toluene
Concen: 27.292 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

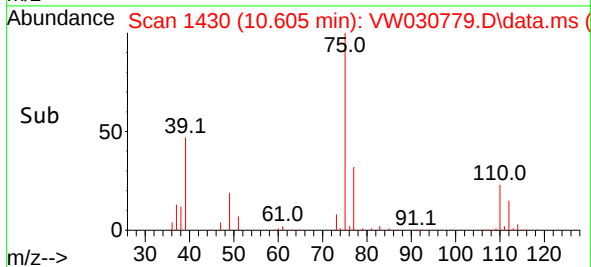
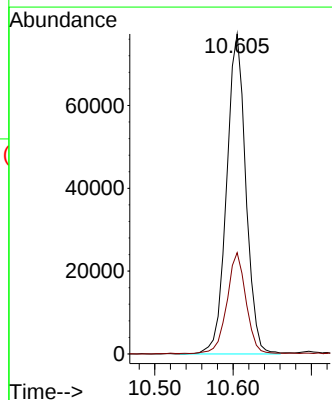
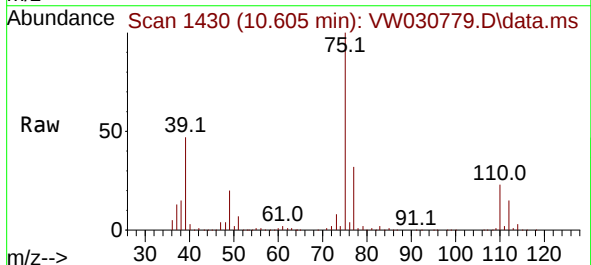
Instrument :
MSVOA_W
ClientSampleId :

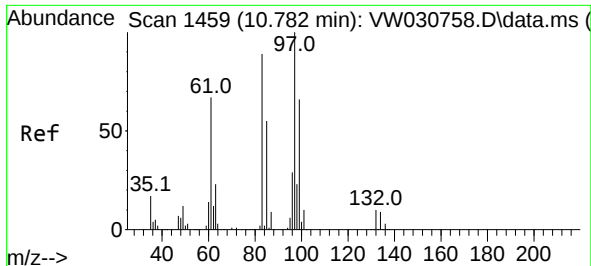
Tgt Ion: 91 Resp: 442822
Ion Ratio Lower Upper
91 100
92 59.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 27.351 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 75 Resp: 131682
Ion Ratio Lower Upper
75 100
77 31.7 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 28.247 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77545

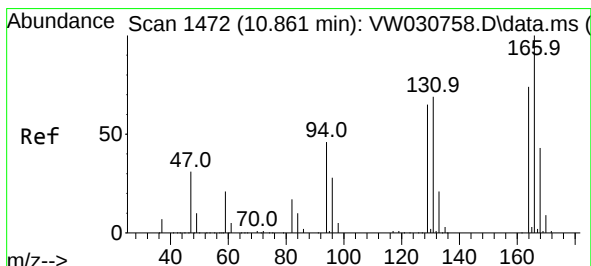
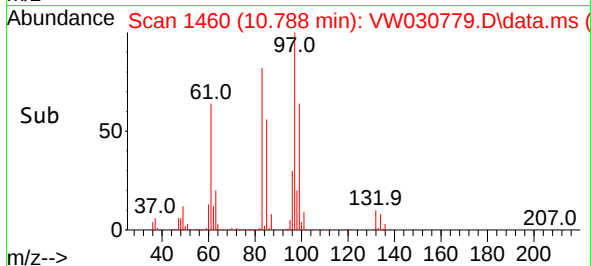
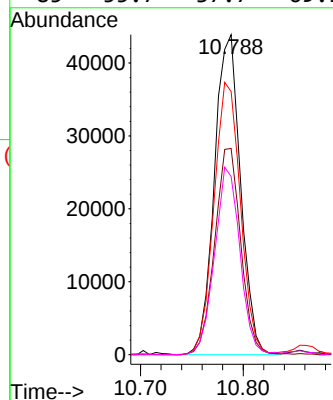
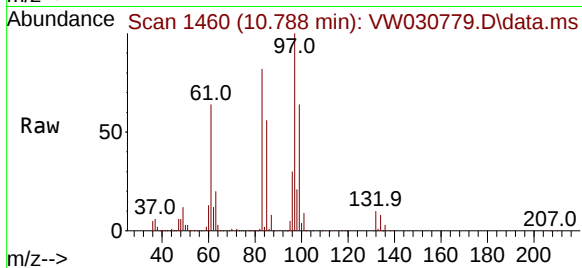
Ion Ratio Lower Upper

97 100

99 64.4 41.2 76.6

83 82.3 59.6 110.6

85 55.7 37.7 69.9



#46

Tetrachloroethene

Concen: 25.663 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Tgt Ion:164 Resp: 80088

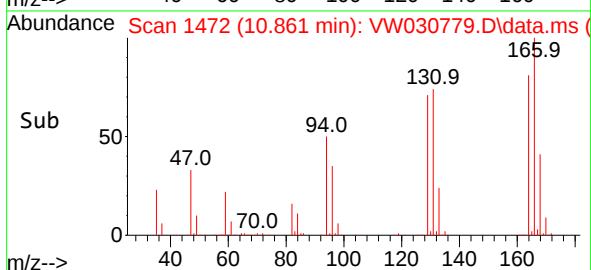
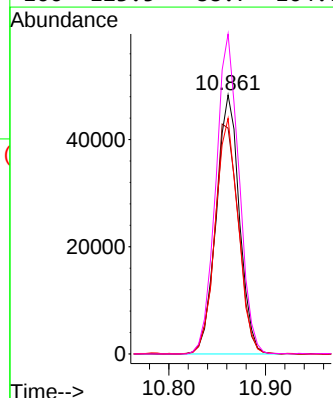
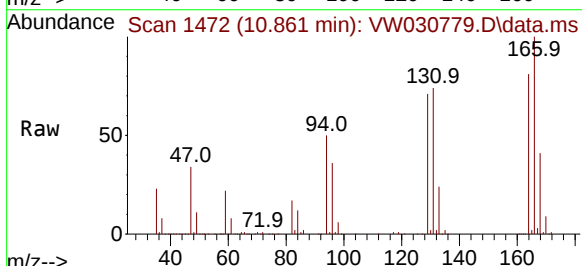
Ion Ratio Lower Upper

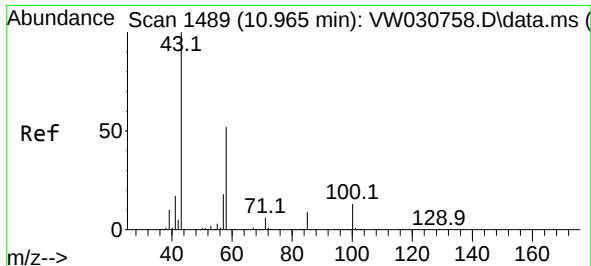
164 100

129 87.2 66.6 123.6

131 90.9 63.7 118.3

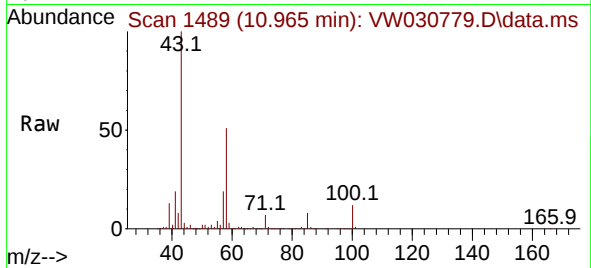
166 123.5 88.7 164.7



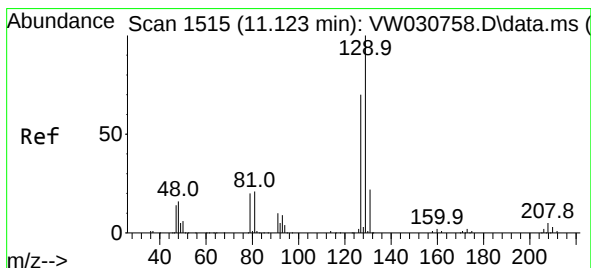
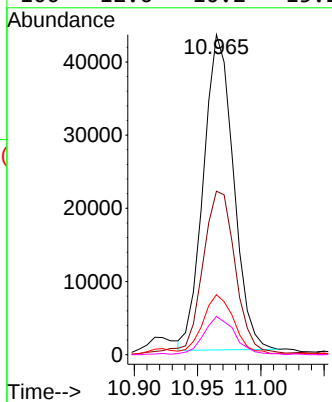
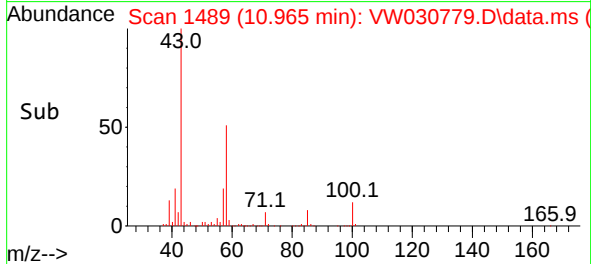


#48
2-Hexanone
Concen: 47.740 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Instrument :
MSVOA_W
ClientSampleId :

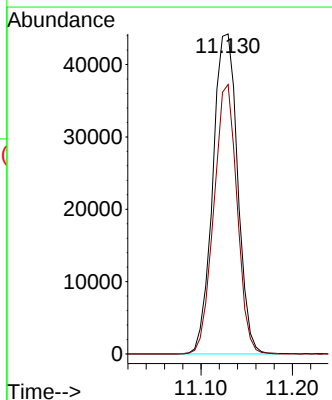
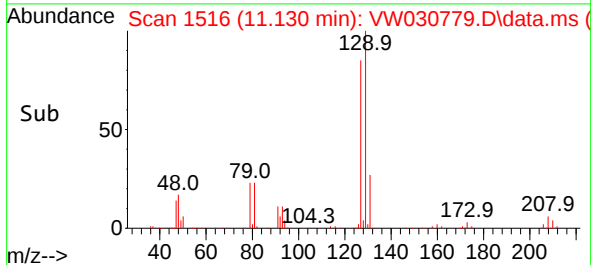
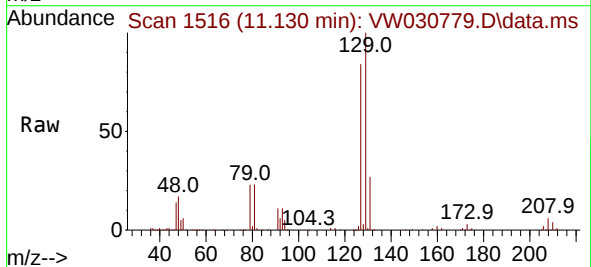


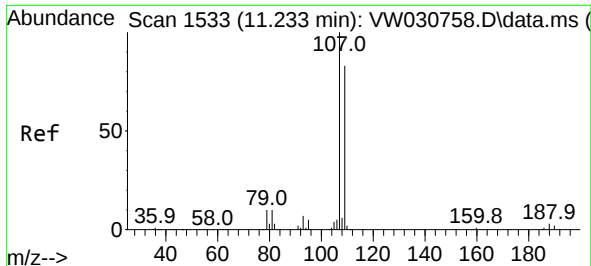
Tgt Ion: 43 Resp: 71241
Ion Ratio Lower Upper
43 100
58 54.2 44.6 67.0
57 20.1 15.8 23.8
100 12.6 10.2 15.2



#49
Dibromochloromethane
Concen: 27.263 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 129 Resp: 83511
Ion Ratio Lower Upper
129 100
127 84.2 56.5 104.9





#50

1,2-Dibromoethane

Concen: 27.434 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

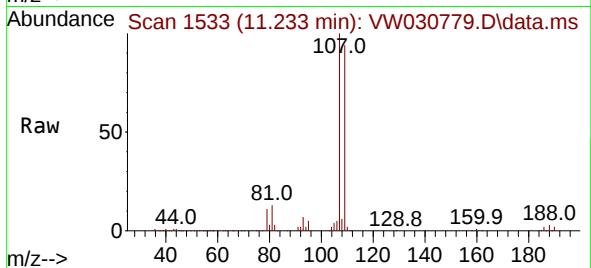
Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :



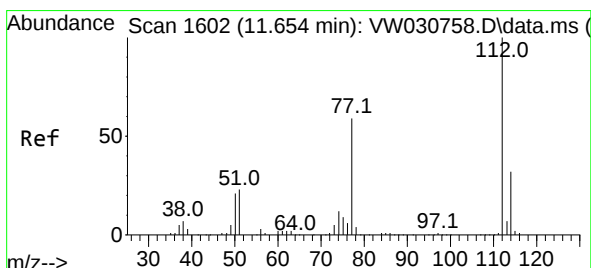
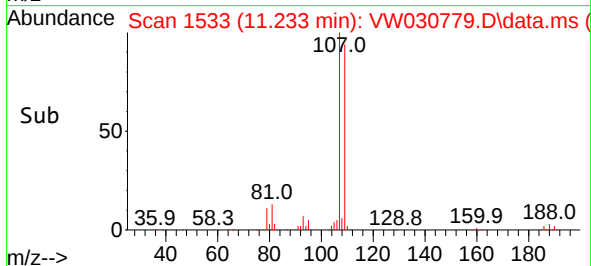
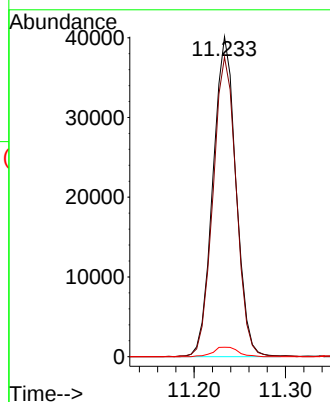
Tgt Ion:107 Resp: 70275

Ion Ratio Lower Upper

107 100

109 93.6 63.8 118.6

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 26.413 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

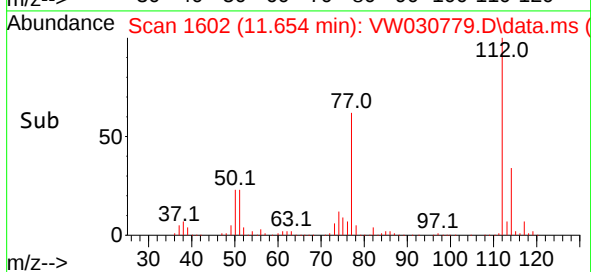
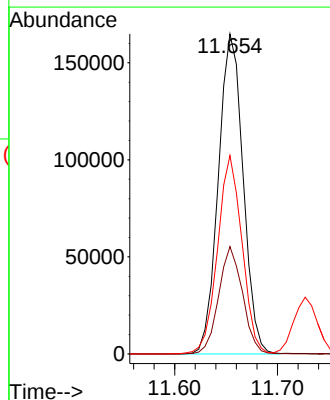
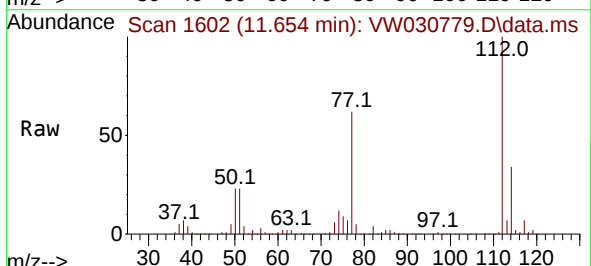
Tgt Ion:112 Resp: 275876

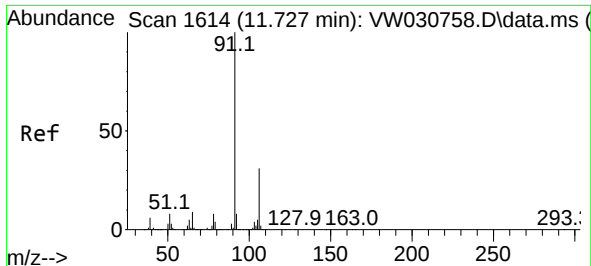
Ion Ratio Lower Upper

112 100

114 33.6 22.4 41.6

77 62.0 47.1 70.7

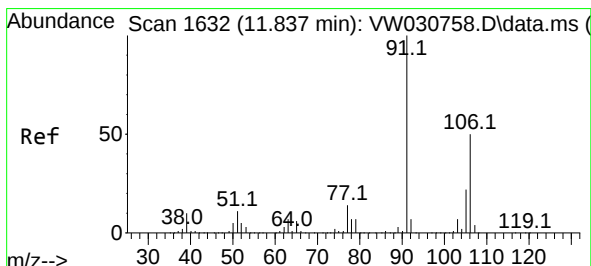
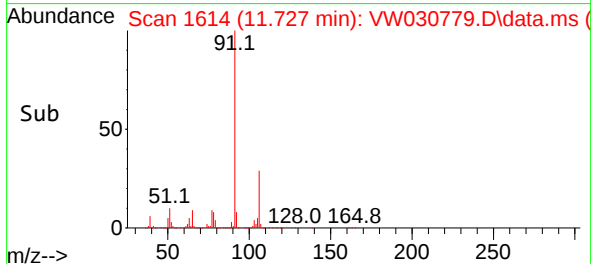
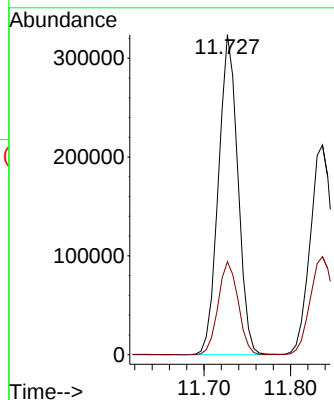
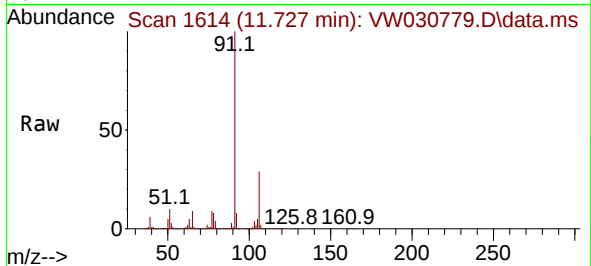




#52
Ethylbenzene
Concen: 27.270 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

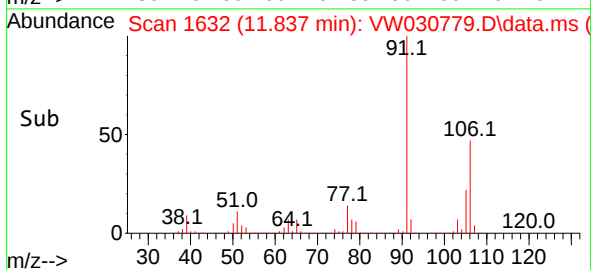
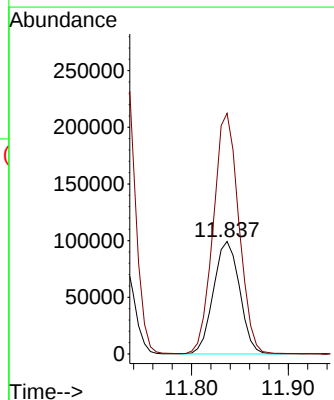
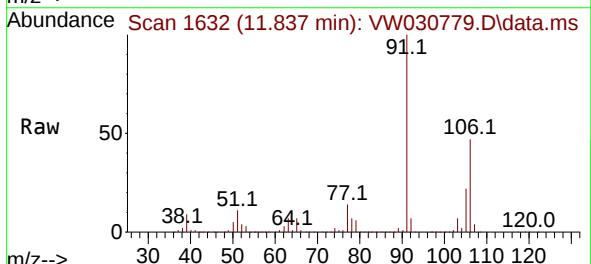
Instrument :
MSVOA_W
ClientSampleId :

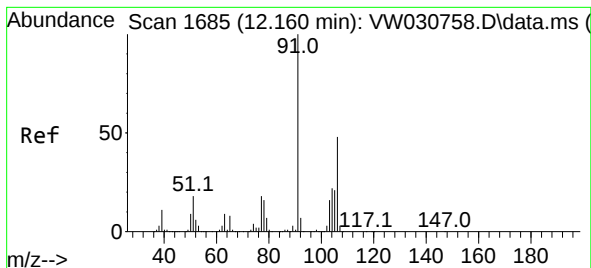
Tgt Ion: 91 Resp: 504874
Ion Ratio Lower Upper
91 100
106 29.1 21.1 39.1



#53
m,p-Xylene
Concen: 26.938 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion: 106 Resp: 186845
Ion Ratio Lower Upper
106 100
91 213.9 140.6 261.2





#54

o-Xylene

Concen: 27.953 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

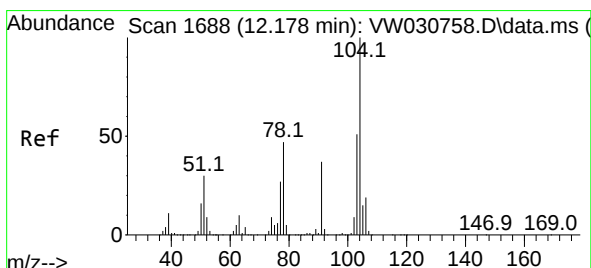
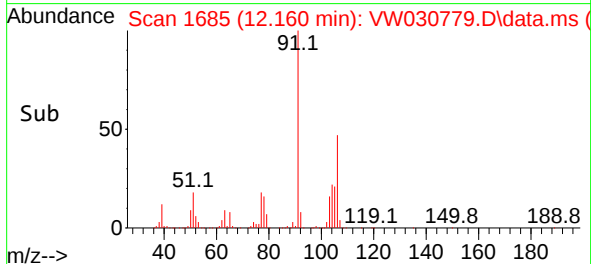
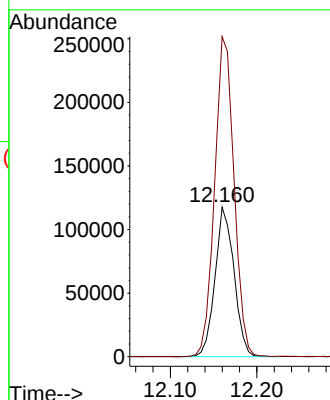
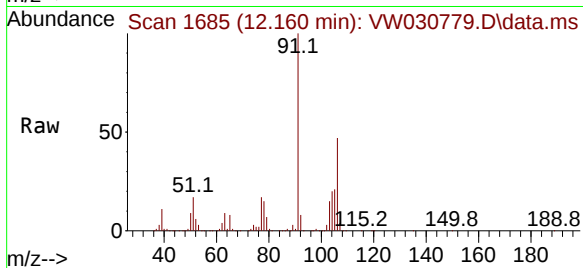
ClientSampleId :

Tgt Ion:106 Resp: 179249

Ion Ratio Lower Upper

106 100

91 214.0 144.5 268.4



#55

Styrene

Concen: 28.623 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030779.D

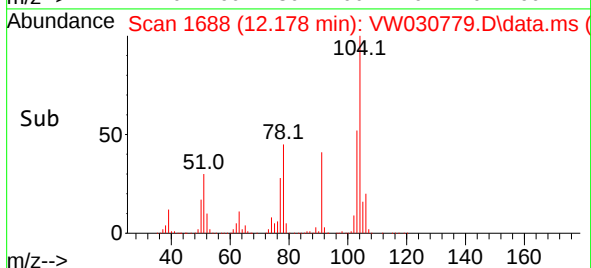
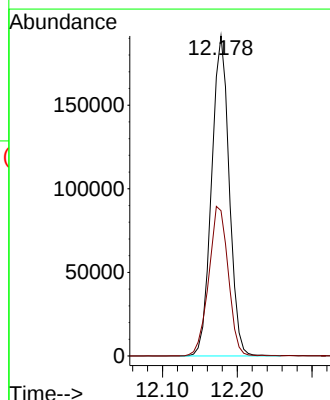
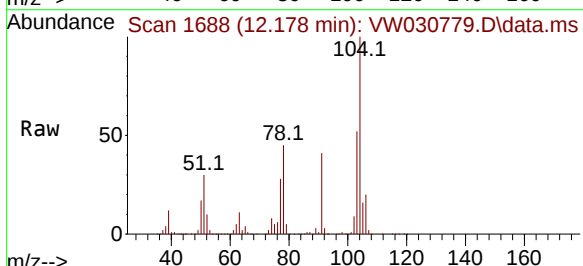
Acq: 25 Oct 2024 20:05

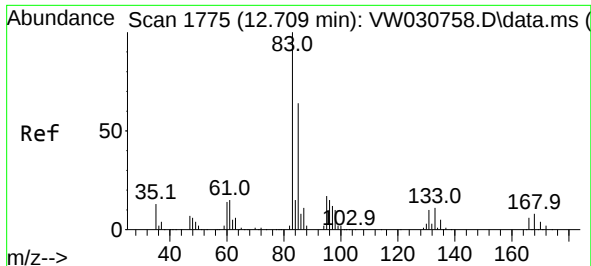
Tgt Ion:104 Resp: 313777

Ion Ratio Lower Upper

104 100

78 45.4 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 28.992 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

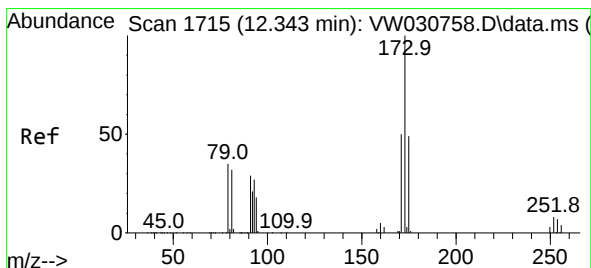
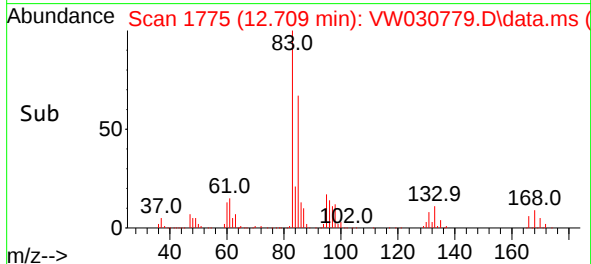
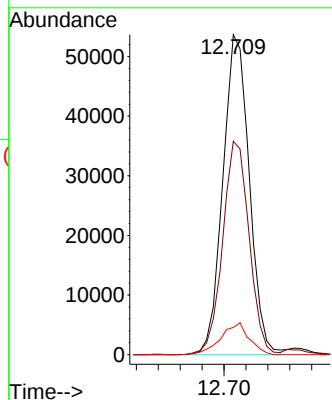
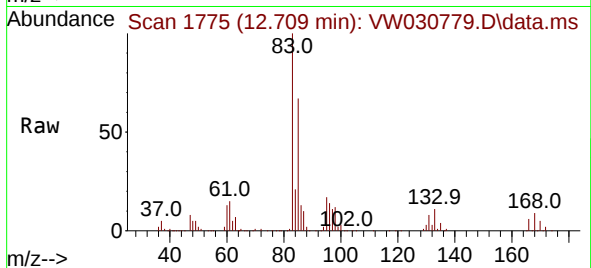
Tgt Ion: 83 Resp: 89753

Ion Ratio Lower Upper

83 100

85 66.7 42.6 79.2

131 8.5 7.4 11.0



#59

Bromoform

Concen: 26.907 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

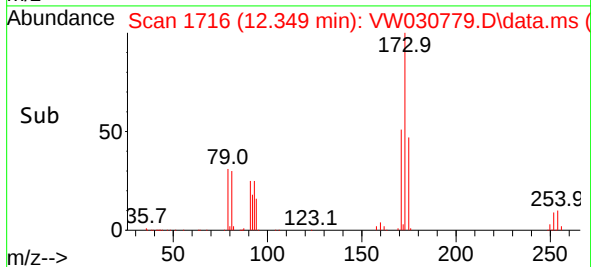
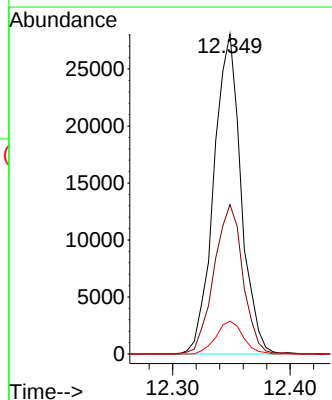
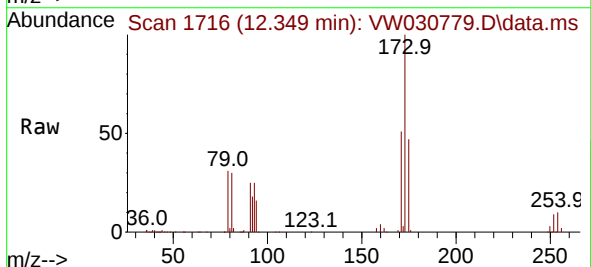
Tgt Ion:173 Resp: 45192

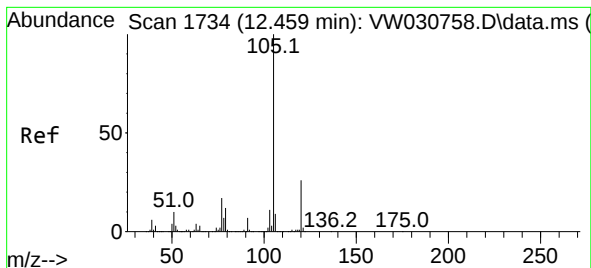
Ion Ratio Lower Upper

173 100

175 49.5 39.0 58.4

254 10.2 7.7 11.5





#60

Isopropylbenzene

Concen: 27.704 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

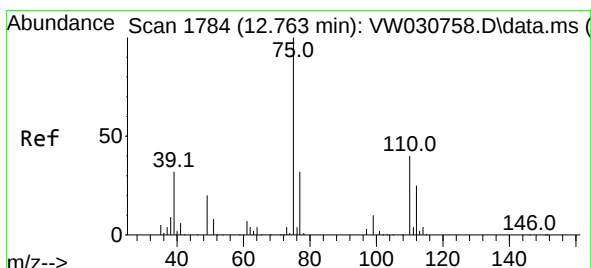
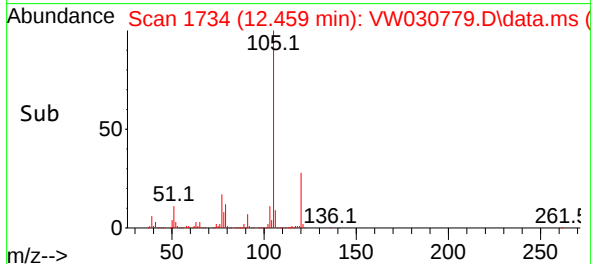
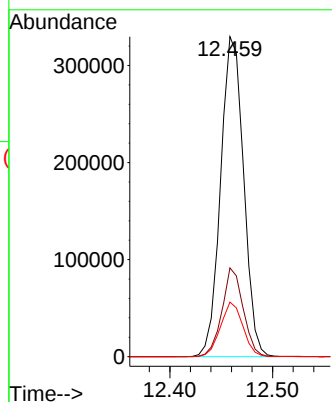
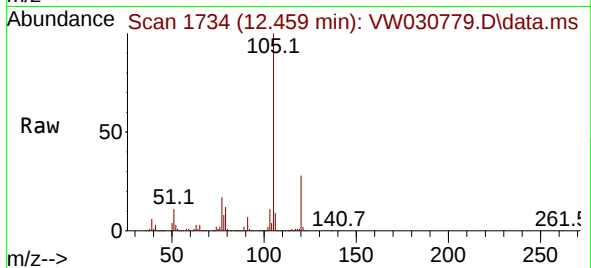
Tgt Ion:105 Resp: 512871

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.6 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 27.103 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

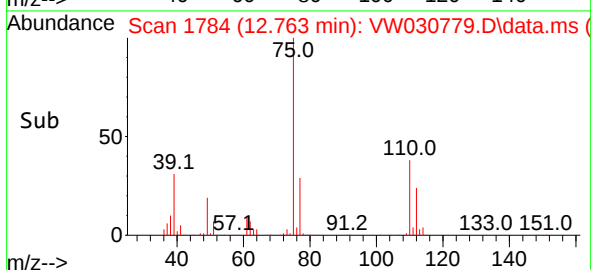
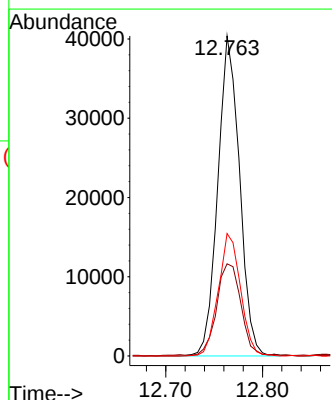
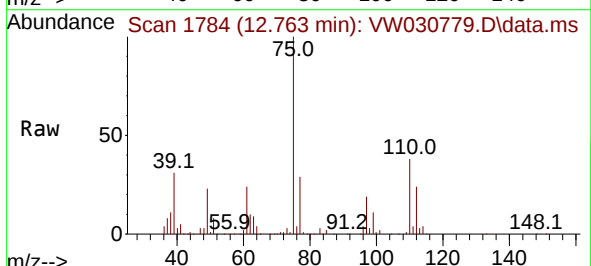
Tgt Ion: 75 Resp: 63047

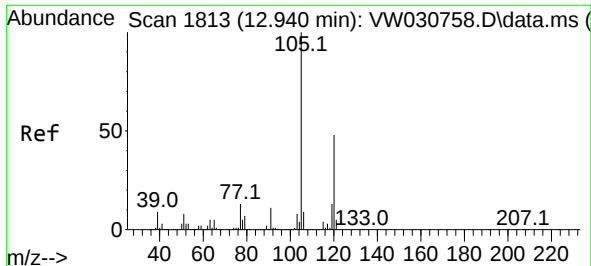
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

110 39.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 27.137 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

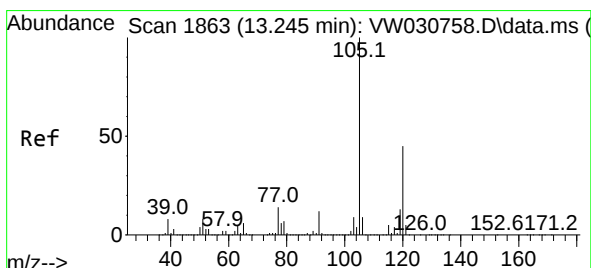
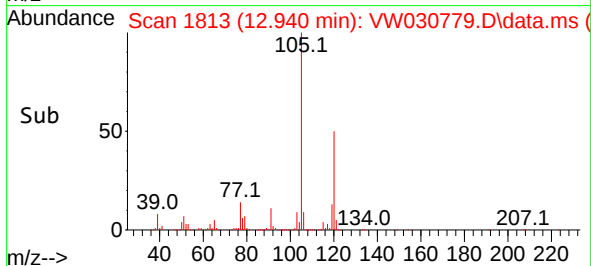
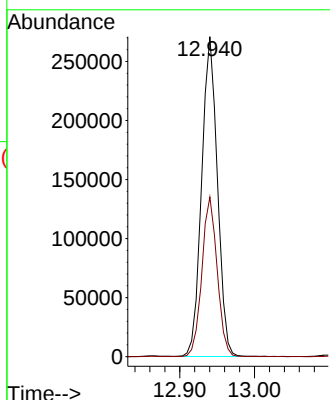
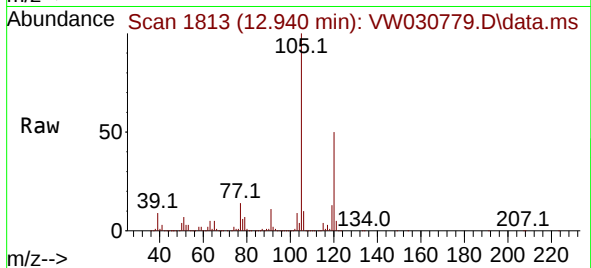
ClientSampleId :

Tgt Ion:105 Resp: 396342

Ion Ratio Lower Upper

105 100

120 48.3 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.399 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030779.D

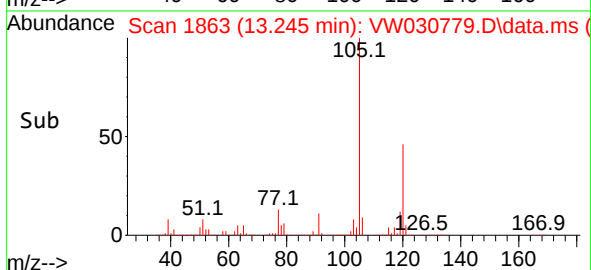
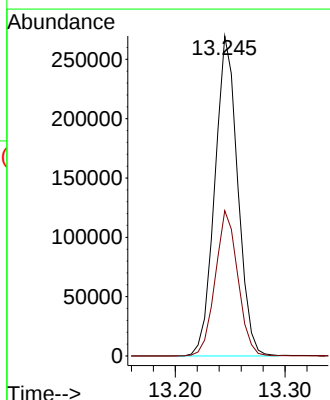
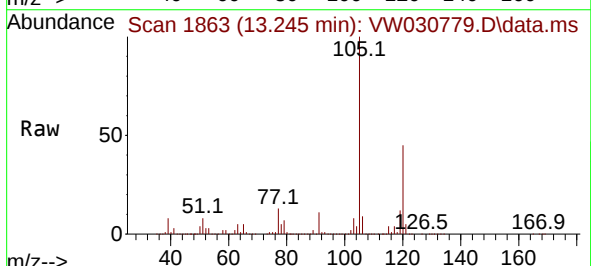
Acq: 25 Oct 2024 20:05

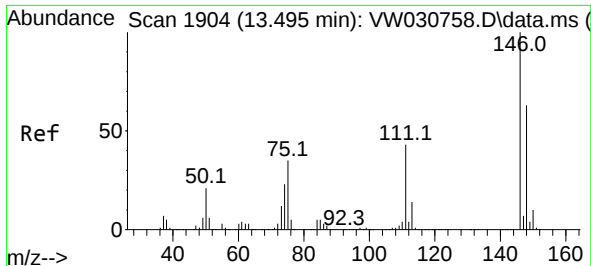
Tgt Ion:105 Resp: 391804

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6

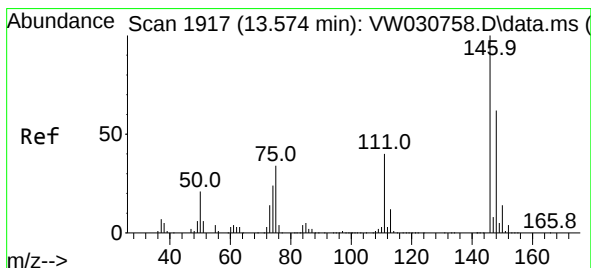
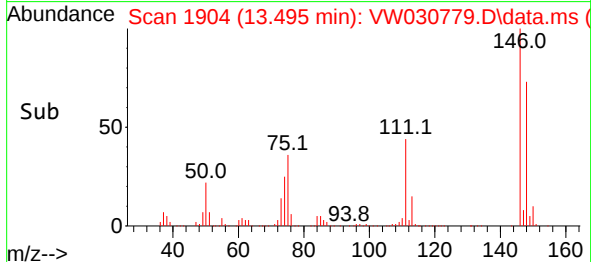
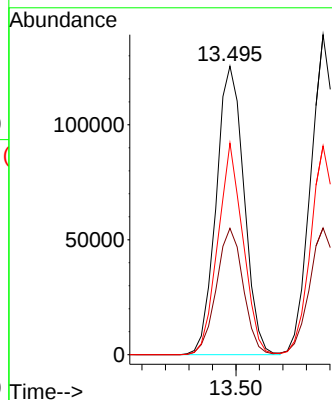
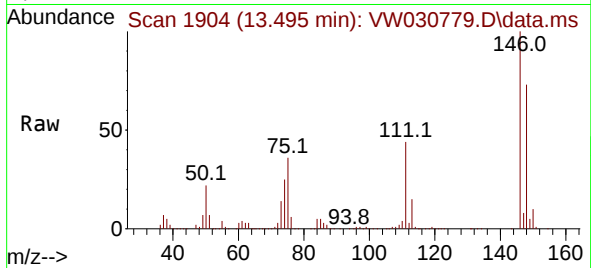




#64
1,3-Dichlorobenzene
Concen: 25.638 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

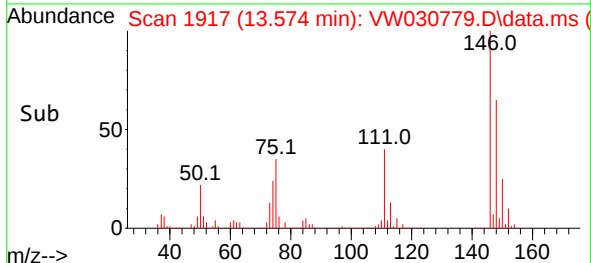
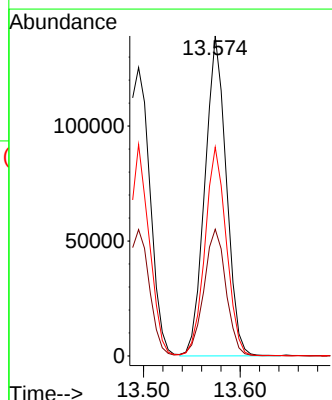
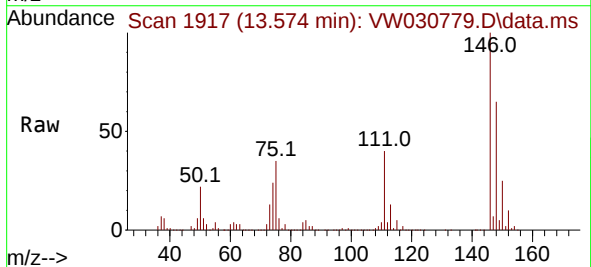
Instrument :
MSVOA_W
ClientSampleId :

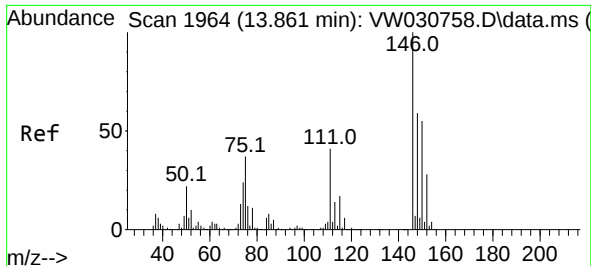
Tgt Ion:146 Resp: 206595
Ion Ratio Lower Upper
146 100
111 43.8 31.2 58.0
148 73.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 25.785 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030779.D
Acq: 25 Oct 2024 20:05

Tgt Ion:146 Resp: 214541
Ion Ratio Lower Upper
146 100
111 39.6 26.8 49.8
148 65.2 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 26.828 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

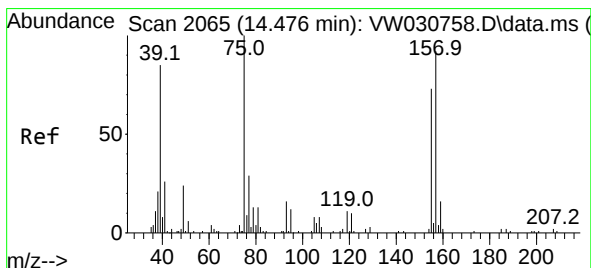
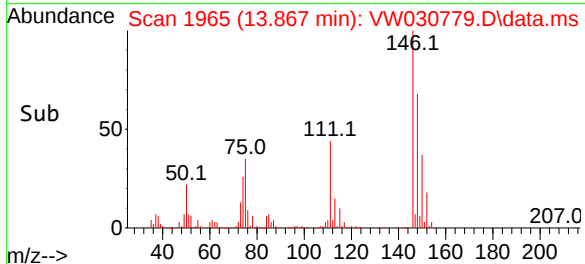
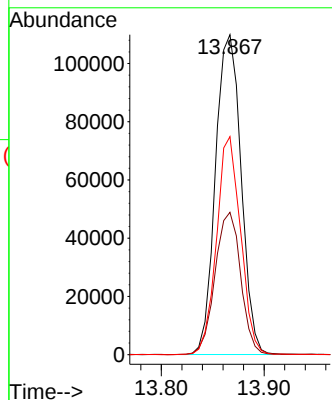
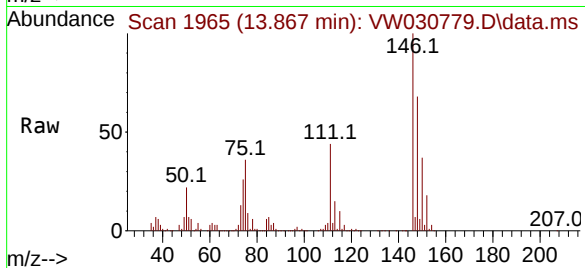
Tgt Ion:146 Resp: 190234

Ion Ratio Lower Upper

146 100

111 44.5 34.6 52.0

148 68.1 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 26.298 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

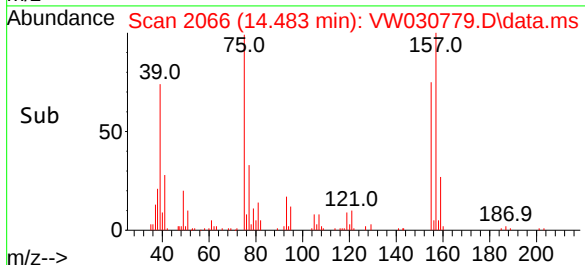
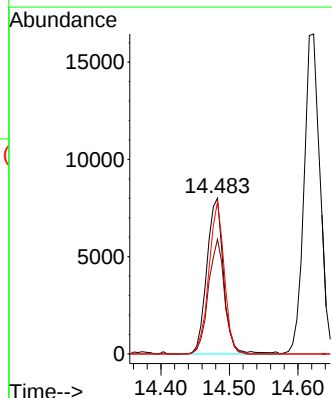
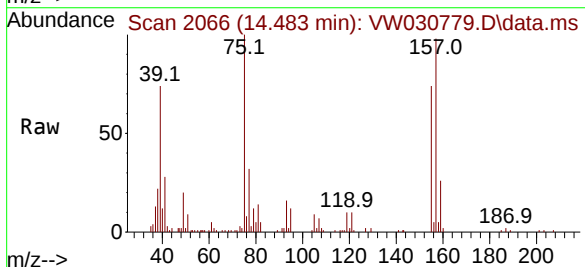
Tgt Ion: 75 Resp: 13640

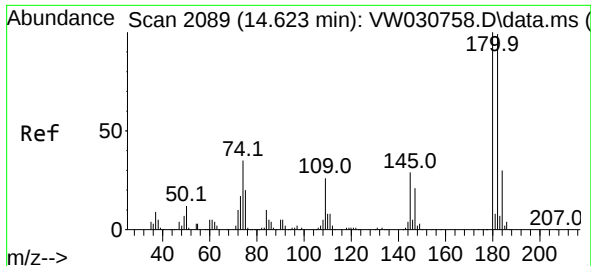
Ion Ratio Lower Upper

75 100

155 73.6 57.9 86.9

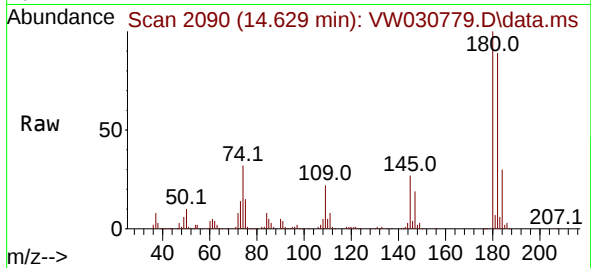
157 97.7 69.0 103.6



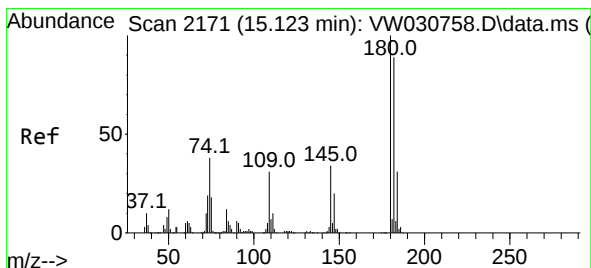
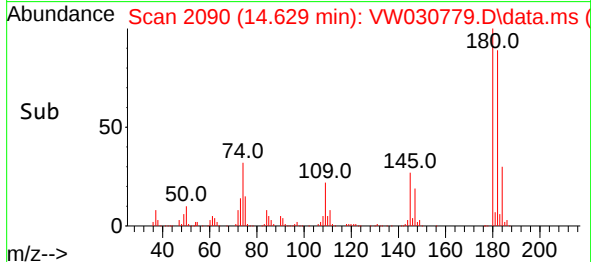
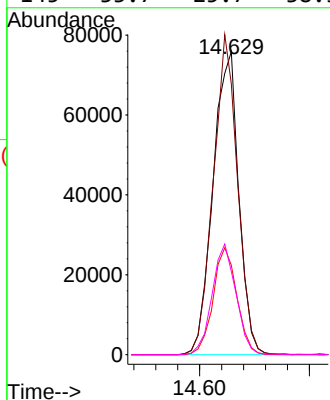


#69
 1,3,5-Trichlorobenzene
 Concen: 23.283 ug/L
 RT: 14.629 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

Instrument :
 MSVOA_W
 ClientSampleId :

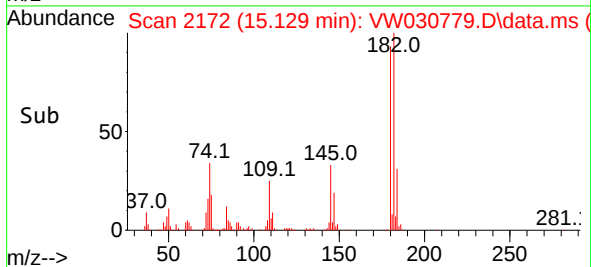
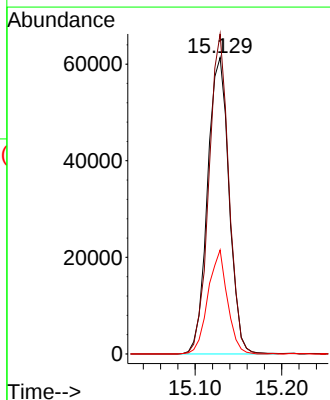
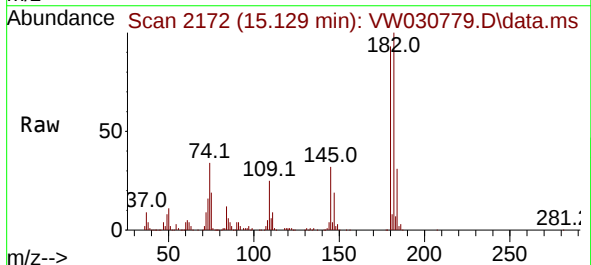


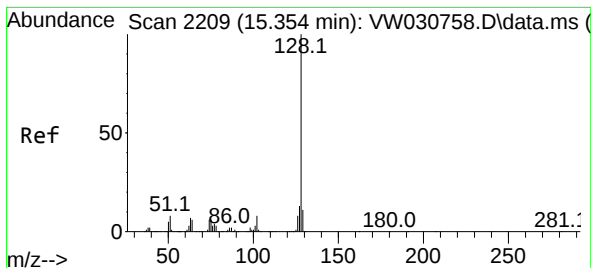
Tgt Ion:180 Resp: 123722
 Ion Ratio Lower Upper
 180 100
 182 99.4 79.9 119.9
 184 32.7 25.2 37.8
 145 33.7 25.7 38.5



#70
 1,2,4-trichlorobenzene
 Concen: 24.740 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW030779.D
 Acq: 25 Oct 2024 20:05

Tgt Ion:180 Resp: 105831
 Ion Ratio Lower Upper
 180 100
 182 100.1 75.2 112.8
 145 31.7 25.4 38.2





#71

Naphthalene

Concen: 27.816 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Instrument :

MSVOA_W

ClientSampleId :

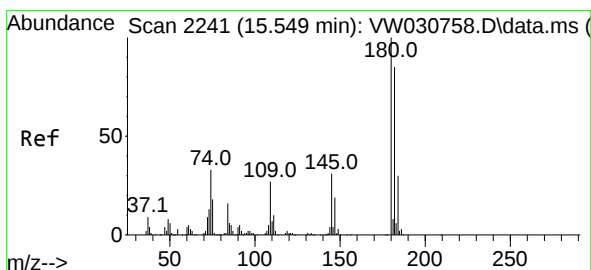
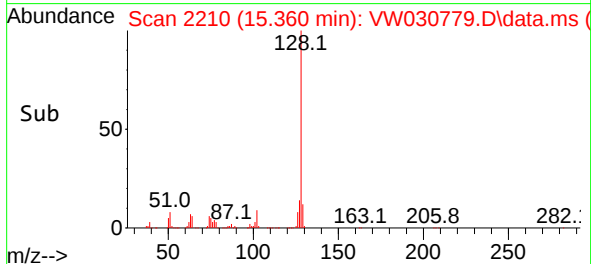
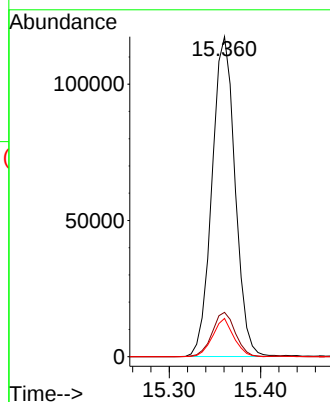
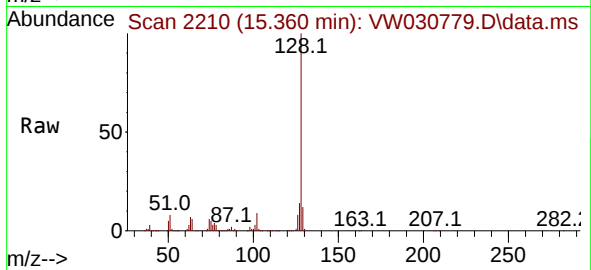
Tgt Ion:128 Resp: 205576

Ion Ratio Lower Upper

128 100

127 14.0 10.9 16.3

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.855 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030779.D

Acq: 25 Oct 2024 20:05

Tgt Ion:180 Resp: 95883

Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

145 34.0 27.4 41.2

